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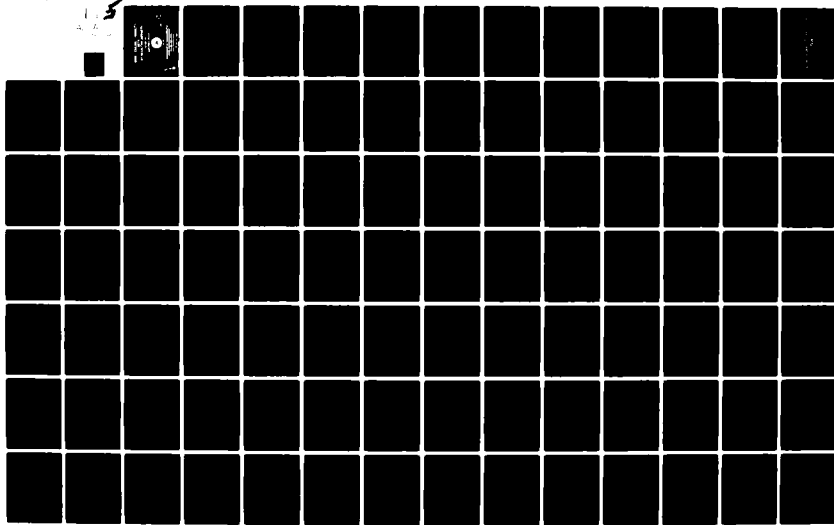
WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

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DOT-FA79WAI-057

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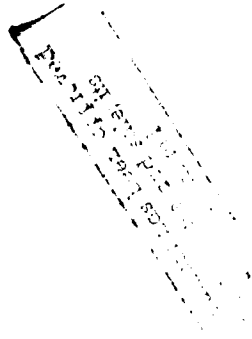
AD A108168

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16. Abstract This report provides summary tables and graphic wind roses depicting wind direction and speed under specific ceiling - visibility conditions at 283 airports. This data will be used in the application of FAA's establishment criteria for precision and non-precision approach and landing aids.			
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WIND-CEILING-VISIBILITY DATA AT SELECTED AIRPORTS

May 1981



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Accession For	File	Serial	Classification
NR 10041	10041	10041	10041
NR 10042	10042	10042	10042
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NR 10078	10078	10078	10078
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NR 10087	10087	10087	10087
NR 10088	10088	10088	10088
NR 10089	10089	10089	10089
NR 10090	10090	10090	10090
NR 10091	10091	10091	10091
NR 10092	10092	10092	10092
NR 10093	10093	10093	10093
NR 10094	10094	10094	10094
NR 10095	10095	10095	10095
NR 10096	10096	10096	10096
NR 10097	10097	10097	10097
NR 10098	10098	10098	10098
NR 10099	10099	10099	10099
NR 10100	10100	10100	10100
NR 10101	10101	10101	10101
NR 10102	10102	10102	10102
NR 10103	10103	10103	10103
NR 10104	10104	10104	10104
NR 10105	10105	10105	10105
NR 10106	10106	10106	10106
NR 10107	10107	10107	10107
NR 10108	10108	10108	10108
NR 10109	10109	10109	10109
NR 10110	10110	10110	10110
NR 10111	10111	10111	10111
NR 10112	10112	10112	10112
NR 10113	10113	10113	10113
NR 10114	10114	10114	10114
NR 10115	10115	10115	10115
NR 10116	10116	10116	10116
NR 10117	10117		

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FOREWORD

INTRODUCTION

Summary tables and graphs have been prepared to assist the FAA in the application of establishment criteria for precision and non-precision approach and landing aids. These tables and graphs depict wind direction and speed under specified ceiling and visibility conditions. This report has been prepared by the National Climatic Center for the FAA under Interagency Agreement No. DOT-FA79WA1-057.

Climatological information for selected airports is presented in 11 volumes:

- Volume 1 - New England Region (ANE)
- Volume 2 - Eastern Region (AEA)
- Volume 3 - Southern Region (ASO)
- Volume 4 - Great Lakes Region (AGL)
- Volume 5 - Central Region (ACE)
- Volume 6 - Southwest Region (ASW)
- Volume 7 - Rocky Mountain Region (ARM)
- Volume 8 - Northwest Region (ANW)
- Volume 9 - Western Region (AWE)
- Volume 10 - Alaskan and Pacific Regions (AAL and APC)
- Volume 11 - Visibility Time Series for Key Stations

Summary tables and graphs are presented in volumes 1-10. Graphical time series of visibility measurements for key stations throughout the United States are presented in volume 11 to give the reader some insight into the climate variability that can be expected.

ELEMENT CLASSIFICATION

Twelve tables for each station depict wind direction vs. wind speed distributions. Half the tables show daytime distributions for six ceiling-visibility classes, and half show nighttime distributions for the same six ceiling-visibility classes. A graphical depiction of the data in each table is also presented. An additional graph for each station depicts the combined day and night winds for all ceiling-visibility conditions.

Wind direction is grouped according to a 16-point compass (N, NNE, NE, ENE, E, ESE, SE, SSE, S, SSW, SW, WSW, W, WNW, NW, NNW) plus calm. The wind speed groups are 0-3, 4-12, 13-15, 16-18, 19-24, 25-31 and equal to or greater than 32 mph.

The ceiling-visibility criteria are defined as:

CLASS 1 = ceiling equal to or greater than 1,500 feet and visibility equal to or greater than 3 miles.

CLASS 2 = ceiling less than 1,500 feet and/or visibility less than 3 miles.

CLASS 3 = ceiling less than 1,500 feet and/or visibility less than 3 miles, but ceiling equal to or greater than 400 feet and visibility equal to or greater than 1 mile.

CLASS 4 = ceiling less than 400 feet and/or visibility less than 1 mile, but ceiling equal to or greater than 200 feet and visibility equal to or greater than 1/2 mile.

CLASS 5 = ceiling less than 200 feet and/or visibility less than 1/2 mile, but ceiling equal to or greater than 100 feet and visibility equal to or greater than 1/4 mile.

CLASS 6 = ceiling less than 100 feet and/or visibility less than 1/4 mile.

CLASS 7 = all ceiling and visibility conditions; sum of classes 1 and 2; also the sum of classes 1 and 3 through 6.

Time conditions are determined from the onset of civil twilight in the morning to the end of civil twilight in the evening. Civil twilight begins (ends) when the sun is six degrees below the horizon. It covers the somewhat indefinite period before sunrise and after sunset during which natural illumination usually remains sufficient for ordinary outdoor operations. For this report the morning (evening) times of beginning (ending) of civil twilight at a station are determined for the middle of a month. All data within this month are classified as either day or night according to these times.

DATA

The data used in the preparation of the climatological tables and graphs were extracted from the National Climatic Center's Tape Deck 1440 Hourly Surface Observations. The data contained in this deck have been digitized from the official observations recorded on station. From about 1948 through 1964 data were digitized for each hour in a day. From 1965 onward only every third hour's data were digitized. The tables and graphs in this report are based on eight observations per day (every third hour) for

the entire period of record. This was done to eliminate the data bias problems that would have been created by trying to mix the 24 observations per day prior to 1965 with the 8 observations per day after 1964.

The effect on the climatology of not using all the available data was examined for representative key stations in each region. Monthly day and night distributions were prepared for all ceiling-visibility criteria and wind speed and direction groups using 24 observations per day. A data subset was created by extracting every third observation from the hourly data set, and similar frequency distributions were prepared. The Kolmogorov-Smirnov test was applied to evaluate the hypotheses that distributions using 24 observations per day are statistically the same as distributions using 8 observations per day. The results of this procedure indicate equality

of distributions in most cases. Therefore, no significant information has been lost by basing the climatologies on 8 observations per day. Exceptions are discussed in Volume 11.

The tables and graphs are also available on microfiche, and the summarized data are available on magnetic tape. This report presents annual summaries, but monthly summaries can be generated on magnetic tape. Requests for microfiche copies of this report and for data on magnetic tape should be addressed to:

Director
National Climatic Center
Federal Building
Asheville, NC 28801

The requested microfiche copies and/or tapes will be provided at cost.

TABLE LEGEND

- A = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6, all wind speed classes and directions times 100.
- B = number of day (night) observations in a given ceiling-visibility class, wind speed class and direction divided by the total number of day (night) observations in the given ceiling-visibility class and direction times 100.
- C = number of day (night) observations of a given direction divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.
- D = number of day (night) observations of a given direction divided by the total number of day (night) observations in the given ceiling-visibility class times 100.
- E = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.
- F = number of day (night) observations in a given wind speed class divided by the total number of day (night) observations in the given ceiling-visibility class times 100.
- G = number of day (night) observations in the given ceiling-visibility class divided by the total number of day (night) observations in ceiling-visibility classes 1, 3-6 times 100.
- 100 = summation of column D = summation of row F.
- H = average wind speed for the given day (night) ceiling-visibility class and direction.
- I = average wind speed for the given day (night) ceiling-visibility class.
- J = overall period of record; see station list for actual years of record used.

Note: Ceiling-visibility class 2 is the sum of classes 3-6.

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BOR BRIDGEPORT, CT

PERIOD: 1949-1978

CLASS 1 / DAY

STATION NUMBER: 94702

NO. OBS.: 29909

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	2.6	3.1	1.1	1.4	.2	.9	.6	.8	.1	.1	.0	.0	5.5	6.6	12.6
NNE	.2	.3	1.7	2.1	.6	.7	.3	.4	.2	.3	.1	.1	.0	.0	3.2	3.8	11.3
NE	.3	.4	2.2	2.6	.9	1.0	.6	.7	.3	.4	.0	.0	.0	.0	4.3	5.1	11.5
ENE	.2	.2	1.5	1.9	.6	.7	.4	.5	.2	.3	.0	.1	.0	.0	3.0	3.5	11.7
E	.2	.2	2.2	2.6	.8	1.0	.6	.7	.3	.4	.1	.1	.0	.0	4.2	5.0	11.9
ESE	.1	.1	1.7	2.0	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	2.7	3.2	10.9
SE	.2	.2	1.5	1.7	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	2.2	2.6	9.8
SSE	.1	.1	1.7	2.0	.4	.5	.1	.1	.0	.1	.0	.0	.0	.0	2.3	2.8	9.8
S	.2	.2	2.9	3.5	1.2	1.5	.8	.8	.3	.4	.0	.0	.0	.0	5.0	5.9	11.4
SSW	.1	.1	2.5	3.0	1.2	1.4	.9	.9	.6	.6	.1	.1	.0	.0	5.3	6.3	12.8
SW	.2	.3	4.6	5.4	2.0	2.4	1.3	1.6	.6	.7	.1	.1	.0	.0	8.8	10.5	12.1
WSW	.2	.2	3.8	4.5	1.8	2.2	1.3	1.5	.9	1.0	.2	.2	.0	.0	8.1	9.6	13.1
W	.1	.2	2.9	3.5	1.3	1.6	1.1	1.4	1.1	1.3	.4	.5	.1	.1	7.1	8.5	14.4
WNW	.2	.2	2.1	2.5	1.3	1.6	1.3	1.6	1.6	1.9	.7	.9	.2	.2	7.5	8.8	16.3
NW	.2	.3	2.1	2.5	1.3	1.6	1.6	1.8	1.6	1.9	.7	.9	.1	.2	7.7	9.2	16.0
NNW	.2	.2	2.1	2.5	1.2	1.4	1.1	1.3	1.3	1.5	.4	.5	.1	.1	6.3	7.5	15.1
CALM	.1	.1													1.1	1.3	
TOTAL	4.1	4.8	38.2	45.3	16.4	19.5	12.3	14.6	9.8	11.7	3.0	3.5	.6	.7	84.3	100	13.0

SAMPLE

(J)

(C) (D)

(A) (B)

(I)

(100)

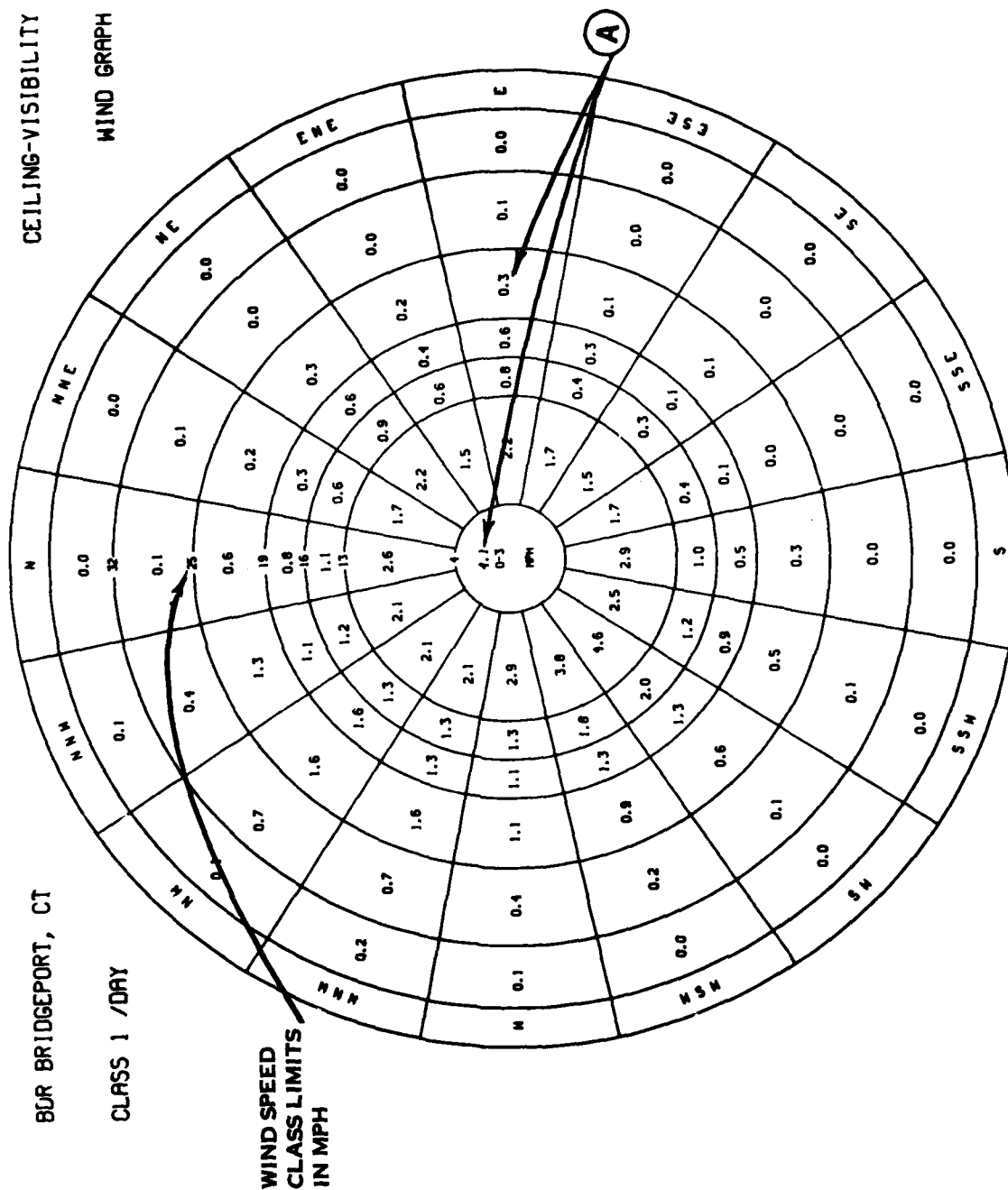
(G)

(F)

(E)

CEILING-VISIBILITY

WIND GRAPH



A—NUMBER OF DAY (NIGHT) OBSERVATIONS IN A GIVEN CEILING-VISIBILITY CLASS, WIND SPEED CLASS AND DIRECTION DIVIDED BY THE TOTAL NUMBER OF DAY (NIGHT) OBSERVATIONS IN CEILING-VISIBILITY CLASSES 1, 3-6, ALL WIND SPEED CLASSES AND DIRECTIONS TIMES 100.

STATION LIST

ST CITY	AP ID	STATION NUMBER	PERIOD OF RECORD
ID			
Boise	BOI	24131	1948-1978
Pocatello	PIH	24156	1950-1978
OR			
Astoria	AST	94224	1954-1978
Burns	BNO	24134	1948-1963 1965-1972*
Eugene	EUG	24221	1948-1953 1965-1978
Medford	MFR	24225	1948-1978
North Bend	OTH	24284	1950-1978
Pendleton	PDT	24155	1949-1976*
Portland	PDX	24229	1948-1978
Redmond	RDM	24230	1948-1978
Salem	SLE	24232	1948-1978
WA			
Olympia	OLM	24227	1948-1968 1972-1974 1976-1978
Quillayute	UIL	94240	1967-1978
Seattle-Tacoma	SEA	24233	1948-1978
Spokane	GEG	24157	1948-1978
Walla Walla	ALW	24160	1948-1965 1974-1978
Yakima	YKM	24243	1948-1978

* Note: Period of record does not end in 1978.

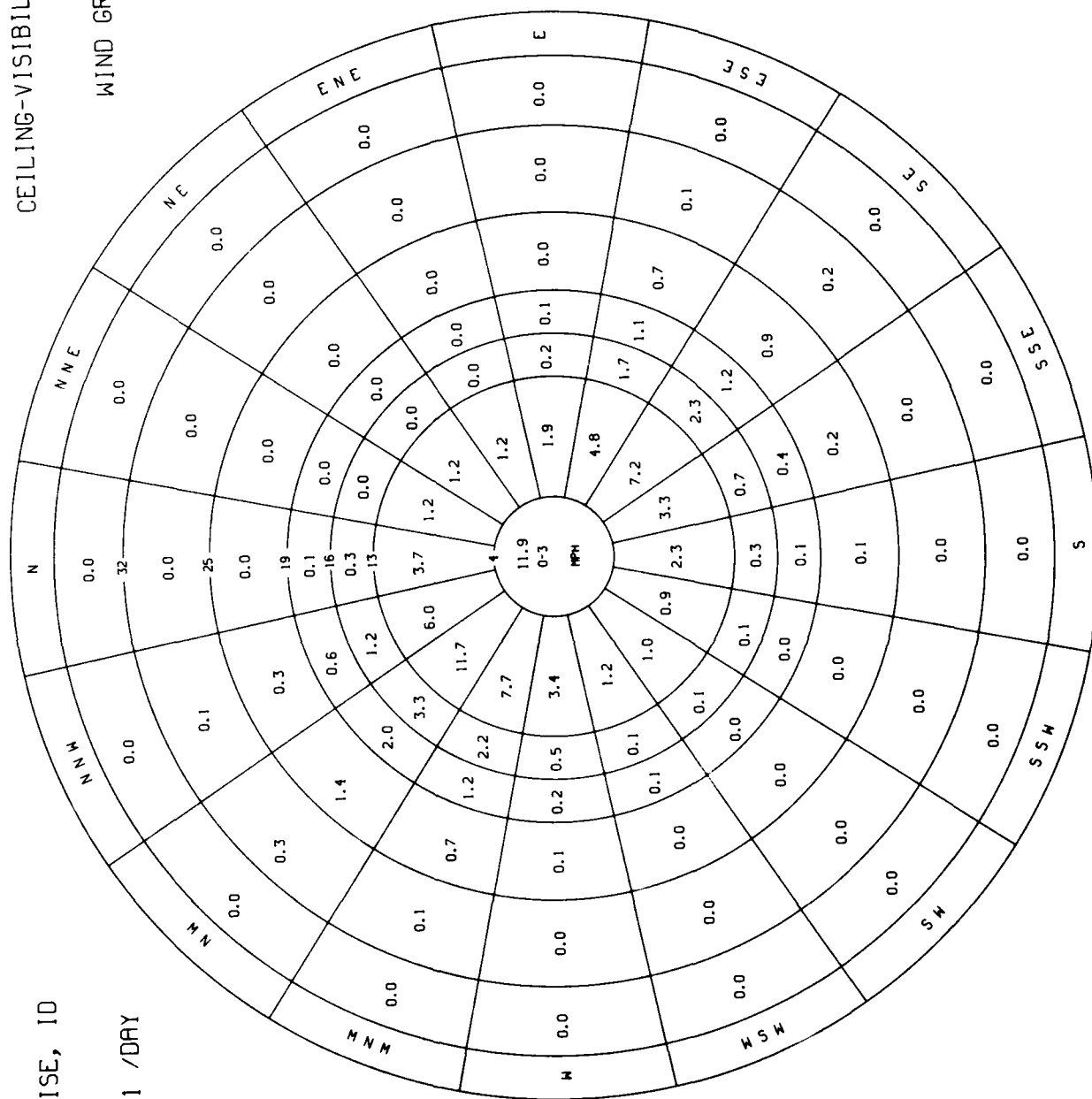
NORTHWEST REGION

(ANW)

BOI BOISE, ID

WIND GRAPH

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 24131

NO. OBS.: 49920

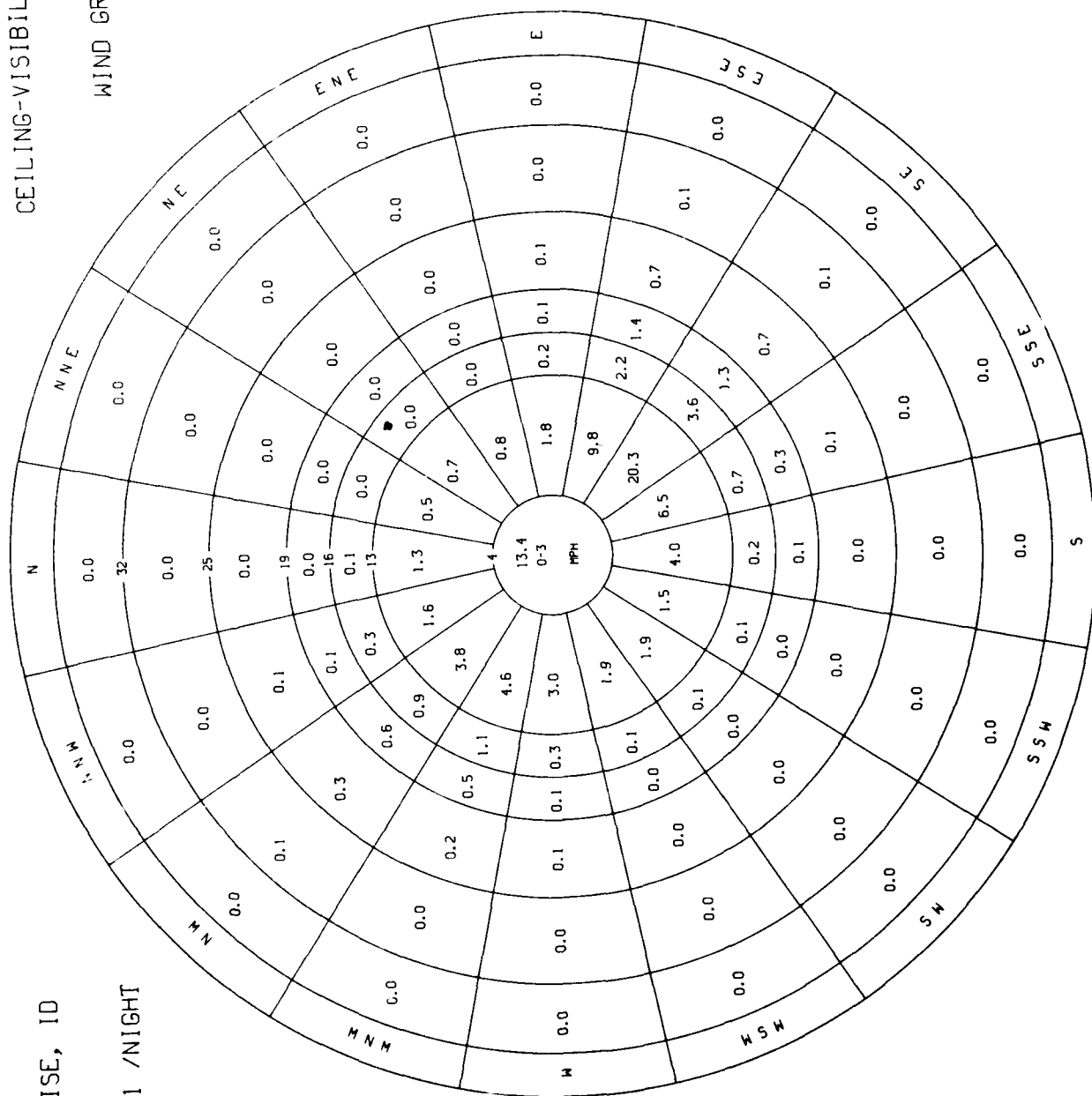
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.6	.6	3.7	3.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.7	4.9	7.4
NNE	.3	.4	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	6.0
NE	.5	.5	1.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8	5.7
ENE	.4	.4	1.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.7	6.2
E	.4	.4	1.9	2.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.7	7.8
ESE	.5	.5	4.8	5.0	1.7	1.7	1.1	1.1	.7	.7	.1	.1	.0	.0	8.9	9.2	11.4
SE	.6	.6	7.2	7.5	2.3	2.4	1.2	1.2	.9	.9	.2	.2	.0	.0	12.3	12.8	11.3
SSE	.4	.4	3.3	3.4	.7	.7	.4	.4	.2	.2	.0	.0	.0	.0	4.9	5.1	9.5
S	.5	.5	2.3	2.4	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.2	3.3	7.8
SSW	.2	.2	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	7.1
SW	.4	.4	1.0	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	6.9
WSW	.3	.3	1.2	1.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.8	1.8	7.2
W	.4	.5	3.4	3.6	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.8	5.0	8.9
WNW	.5	.6	7.7	8.1	2.2	2.3	1.2	1.3	.7	.7	.1	.1	.0	.0	12.5	13.0	10.8
NW	.8	.8	11.7	12.1	3.3	3.4	2.0	2.1	1.4	1.4	.3	.3	.0	.0	19.4	20.2	11.2
NNW	.5	.5	6.0	6.3	1.2	1.3	.6	.6	.3	.3	.1	.1	.0	.0	8.7	9.1	9.9
CALM	4.6	4.8													4.6	4.8	
TOTAL	11.9	12.4	58.7	61.1	12.9	13.4	7.2	7.5	4.4	4.6	.9	.9	.1	.1	96.1	100	9.5

CEILING-VISIBILITY

WIND GRAPH

801 BOISE, ID

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:BJI BOISE, ID

PERIOD:1948-1978

CLASS 1 / NIGHT

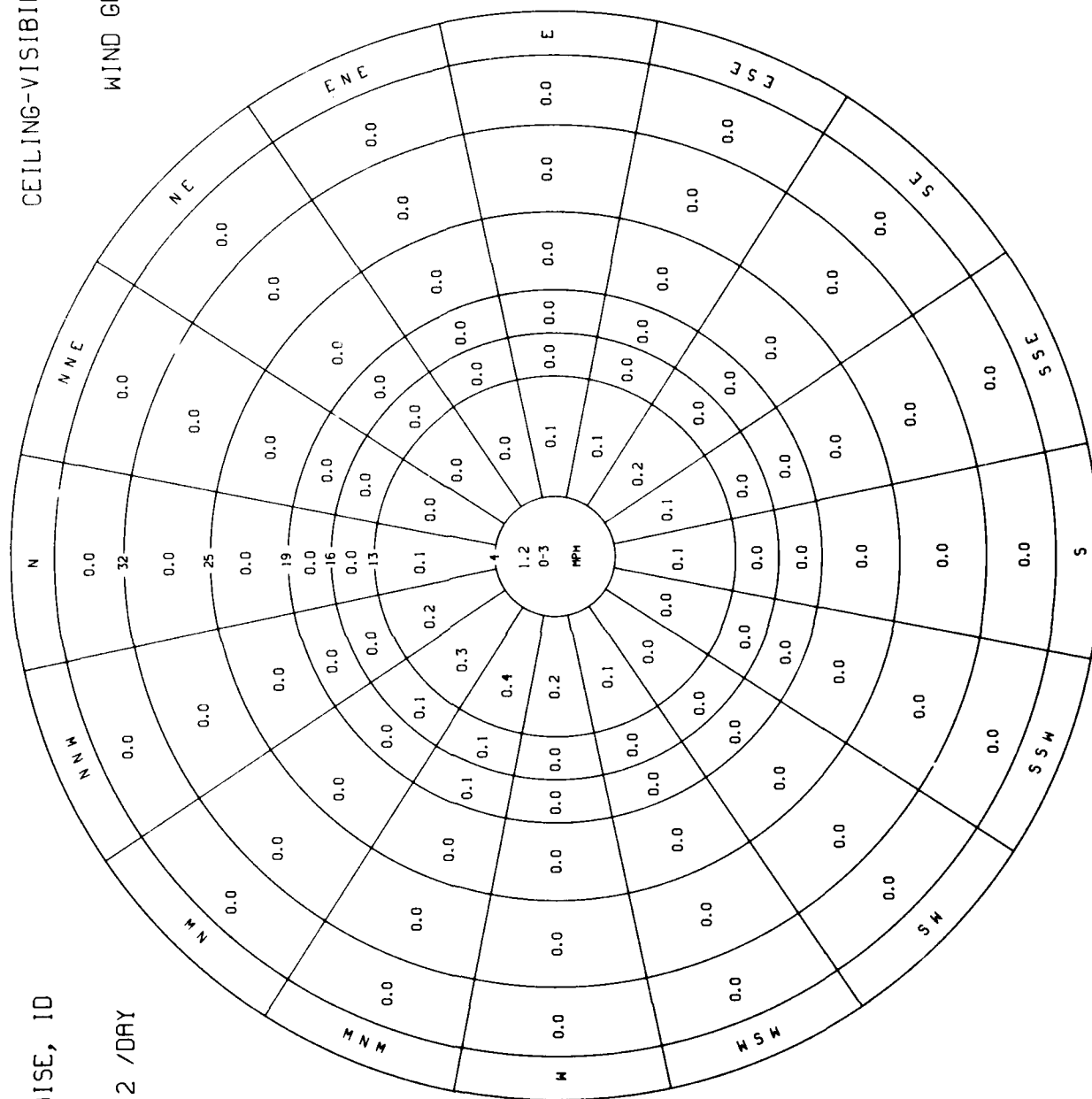
STATION NUMBER:24131

NO. OBS.: 36562

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.4	.4	1.3	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.8	6.3				
NNE	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.6				
NE	.3	.3	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	5.5				
ENE	.3	.3	.8	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	5.8				
E	.3	.4	1.8	1.9	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.5	2.6	7.9				
ESE	.4	.4	9.8	10.3	2.2	2.3	1.4	1.5	.7	.7	.1	.1	.1	.0	.0	14.6	15.4	10.5				
SE	1.0	1.0	20.3	21.4	3.6	3.8	1.3	1.4	.7	.7	.1	.1	.1	.0	.0	27.0	28.6	9.8				
SSE	.8	.8	6.5	6.9	.7	.7	.3	.3	.1	.1	.0	.0	.0	.0	.0	8.5	8.9	8.1				
S	.8	.9	4.0	4.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.2	5.5	6.8				
SSW	.4	.5	1.5	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.2	6.2				
SW	.6	.6	1.9	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.7	6.1				
WSW	.5	.5	1.9	2.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.8	6.8				
W	.5	.5	3.0	3.1	.3	.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	3.9	4.2	8.1				
WNW	.5	.5	4.6	4.8	1.1	1.1	.5	.5	.2	.2	.0	.0	.0	.0	.0	6.8	7.2	9.9				
NW	.5	.5	3.8	4.0	.9	1.0	.6	.6	.3	.4	.1	.1	.1	.0	.0	6.2	6.5	10.2				
NNW	.3	.3	1.6	1.7	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.4	2.5	8.7				
CALM	5.7	6.0														5.7	6.0					
TOTAL	13.4	14.2	64.0	67.6	9.9	10.4	4.7	4.9	2.3	2.5	.4	.4	.4	.0	.0	94.7	100	8.4				

BOI BOISE, ID

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 2 / DAY

NO. OBS.: 2016

STATION NUMBER: 24131

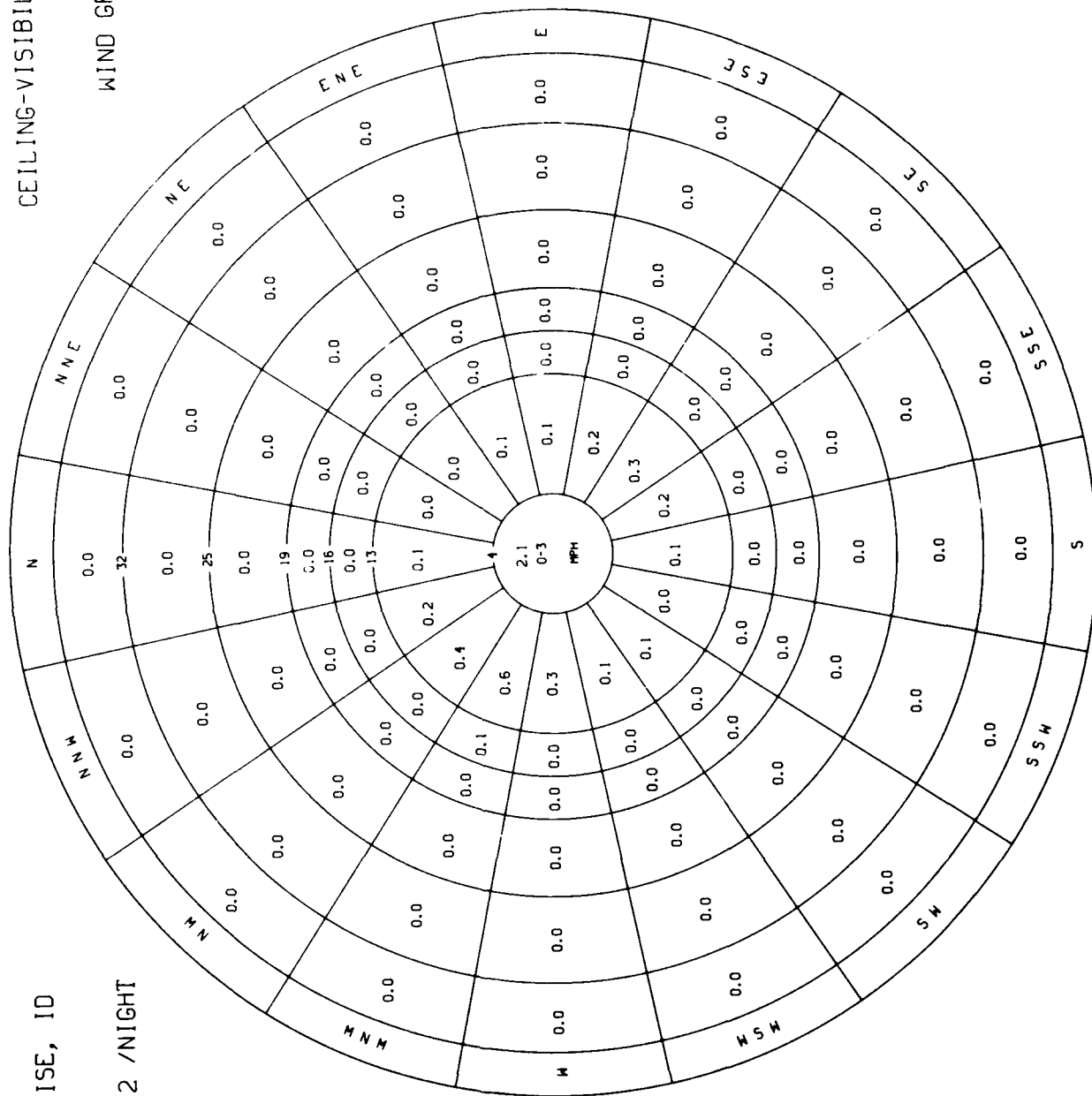
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D	
N	.1	1.5	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.9	5.5
NNE	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	4.9
N E	.0	.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	4.6
ENE	.0	.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.5
E	.0	.5	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	6.6
ESE	.0	.6	.1	3.7	.0	1.0	.0	1.1	.0	1.0	.0	.4	.0	.1	.0	.1	.3	8.0	12.4
SE	.0	1.0	.2	4.5	.0	.9	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.3	7.9	10.1
SSE	.0	.4	.1	2.7	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.7	8.0
S	.0	1.0	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	5.9
SSW	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	5.5
SW	.0	.6	.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	6.0
WSW	.0	.8	.1	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	6.1
W	.1	1.4	.2	5.6	.0	.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3	8.2	7.4
WNW	.1	1.5	.4	11.1	.1	1.5	.1	1.4	.0	.7	.0	.2	.0	.0	.0	.0	.6	16.5	9.2
NW	.1	1.7	.3	8.5	.1	1.8	.0	.6	.0	1.0	.0	.4	.0	.0	.0	.0	.6	14.2	9.9
NNW	.0	.8	.2	4.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	5.2	7.5
CALM	.6	15.6															.6	15.6	
TOTAL	1.2	30.0	2.1	53.3	.3	6.5	.2	4.7	.2	4.3	.0	1.1	.0	.2	.0	.2	3.9	100	7.2

CEILING-VISIBILITY

WIND GRAPH

801 BOISE, ID

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

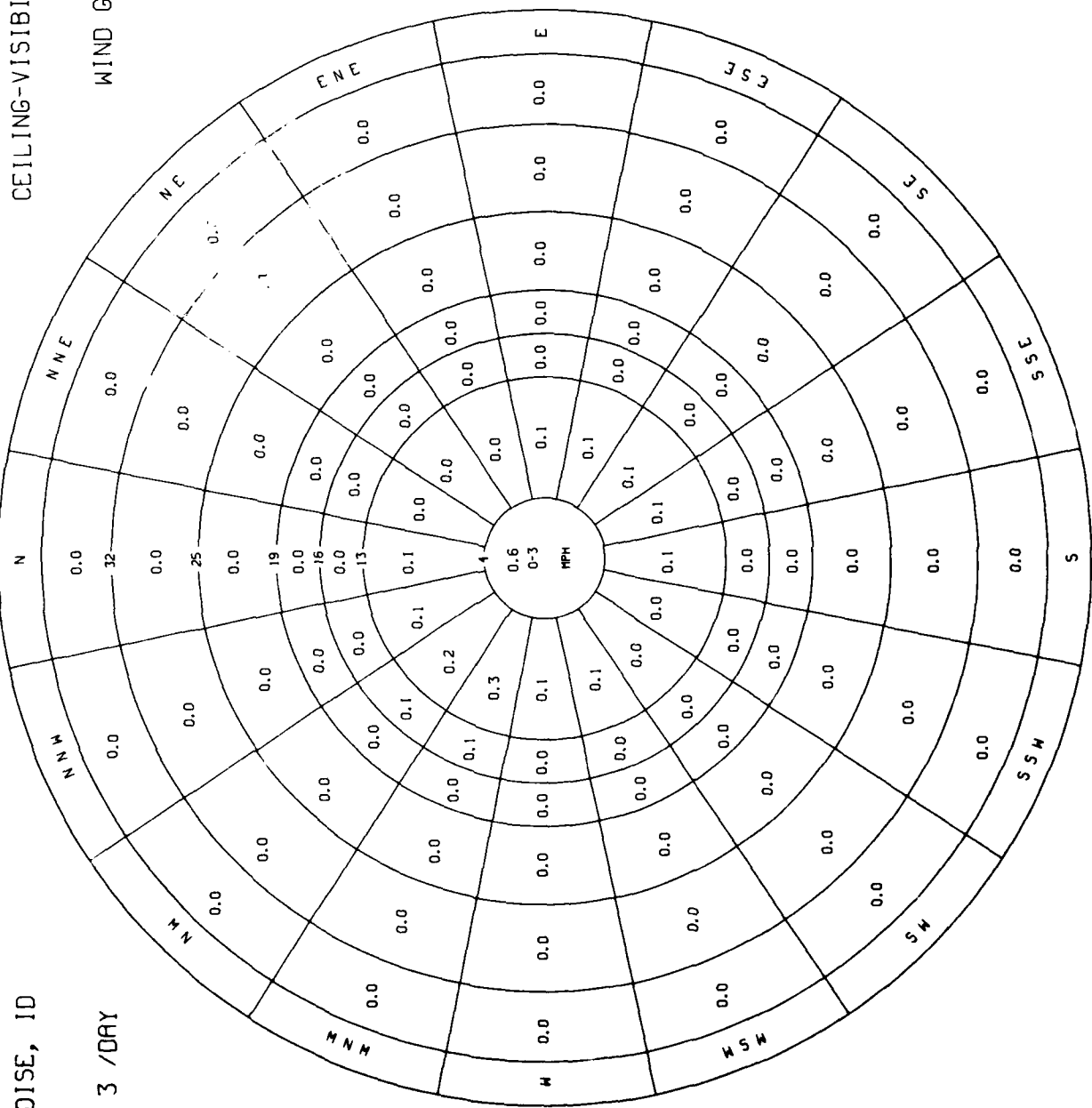
CLASS 2 / NIGHT

STATION NUMBER: 24131

NO. OBS.: 2044

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	1.5	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.9	5.1
NNE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.6
NE	.1	1.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	4.5
ENE	.0	.3	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.6
E	.0	.6	.1	1.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.5	6.0
ESE	.0	.9	.2	3.4	.0	.6	.0	.7	.0	.4	.0	.1	.0	.0	.0	.3	6.2	9.8
SE	.1	1.3	.3	4.8	.0	.5	.0	.3	.0	.6	.0	.1	.0	.0	.0	.4	7.5	8.6
SSE	.1	1.0	.2	2.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	4.4	6.9
S	.1	1.2	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	5.3
SSW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	4.4
SW	.1	1.1	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	5.1
WSW	.1	1.2	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	5.3
W	.1	1.7	.3	4.8	.0	.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.4	7.0	6.7
WNW	.1	2.0	.6	10.9	.1	1.3	.0	.4	.0	.2	.0	.1	.0	.0	.0	.8	14.8	7.8
NW	.1	2.2	.4	7.7	.0	.7	.0	.9	.0	.1	.0	.0	.0	.0	.0	.6	11.7	7.9
NNW	.1	1.0	.2	3.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	4.3	6.1
CALM	1.2	22.2														1.2	22.2	
TOTAL	2.1	40.3	2.7	50.9	.2	3.8	.2	3.0	.1	1.5	.0	.4	.0	.0	.0	5.3	100	5.5

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME:BOI BOISE, ID

PERIOD:1948-1978

CLASS 3 / DAY

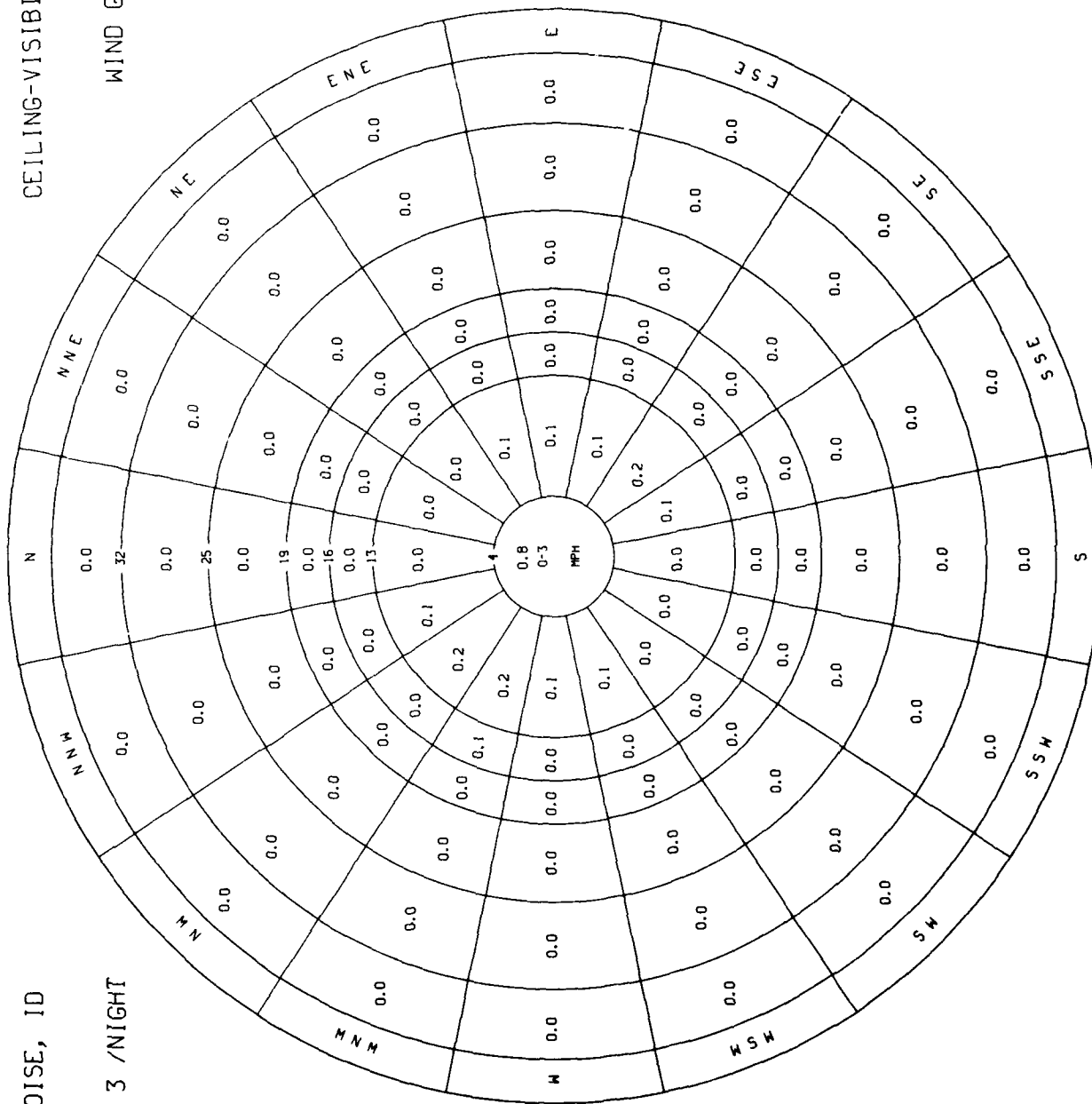
STATION NUMBER:24131

NO. OBS.: 1351

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.1	.1	2.4	.0	.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	3.6	6.1
NNE	.0	.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.9
NE	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.2
ENE	.0	.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.9
E	.0	.4	.1	2.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	2.7	7.2
ESE	.0	.5	.1	4.2	.0	1.3	.0	1.5	.0	1.1	.0	.4	.0	.1	.2	9.0	12.4	
SE	.0	1.0	.1	5.7	.0	1.3	.0	.7	.0	1.2	.0	.1	.0	.0	.3	10.0	10.4	
SSE	.0	.3	.1	3.1	.0	.6	.0	.1	.0	.2	.0	.0	.0	.0	.1	4.3	8.8	
S	.0	.7	.1	2.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.0	6.7	
SSW	.0	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.5	
SW	.0	.4	.0	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.6	6.5	
WSW	.0	.9	.1	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.6	6.4	
W	.0	1.3	.1	4.5	.0	.7	.0	.6	.0	.3	.0	.0	.0	.0	.2	7.3	8.1	
WNW	.0	1.1	.3	10.7	.1	1.9	.0	1.7	.0	.8	.0	.3	.0	.0	.4	16.5	10.0	
NW	.0	1.7	.2	9.0	.1	2.6	.0	.7	.0	1.5	.0	.6	.0	.0	.4	16.1	10.5	
NNW	.0	.7	.1	4.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.1	.1	5.2	7.9	
CALM	.3	12.1													.3	12.1		
TOTAL	.6	24.2	1.4	54.4	.2	8.8	.2	5.8	.1	5.3	.0	1.3	.0	.1	2.6	100	8.1	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 3 / NIGHT

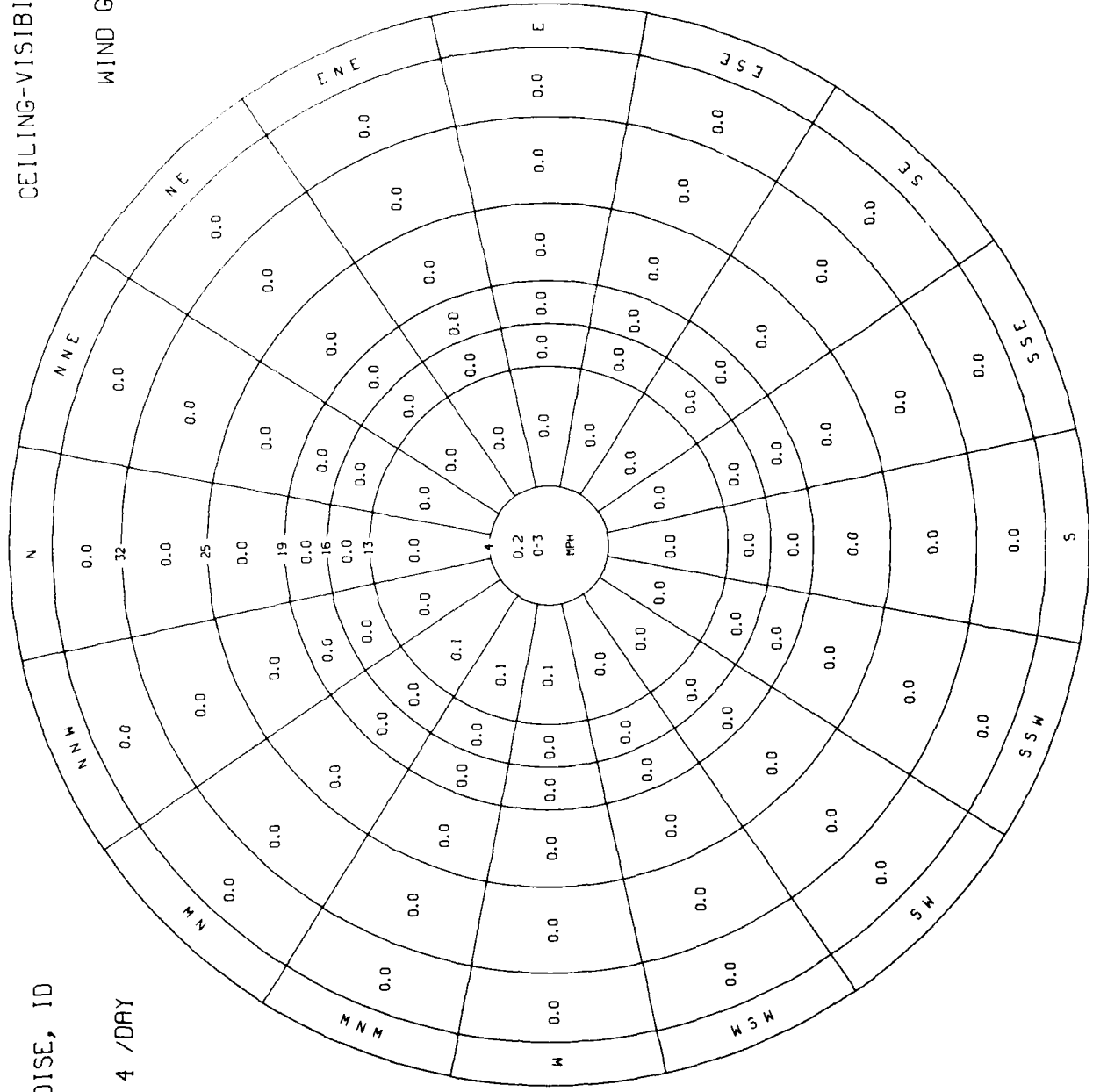
STATION NUMBER: 24131

NO. OBS.: 976

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.0	1.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.9
NNE	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
NNE	.0	.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
ENE	.0	.3	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
E	.0	.2	.1	2.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1 2.6
ESE	.0	.6	.1	5.6	.0	1.1	.0	1.5	.0	.6	.0	.2	.0	.0	.2 9.7
SE	.0	1.1	.2	6.7	.0	.8	.0	.4	.0	1.0	.0	.2	.0	.0	.3 10.2
SSE	.0	1.0	.1	4.1	.0	.5	.0	.4	.0	.1	.0	.0	.0	.0	.2 6.1
S	.0	1.1	.0	1.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.2
SSW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SW	.0	.8	.0	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
WSW	.0	1.0	.1	2.0	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1 3.3
W	.1	2.0	.1	4.1	.0	.6	.0	.1	.0	.0	.0	.2	.0	.1	.2 7.2
WNW	.1	2.3	.2	9.2	.1	2.0	.0	.7	.0	.3	.0	.2	.0	.0	.4 14.8
NW	.0	1.3	.2	7.2	.0	.6	.0	1.5	.0	.3	.0	.1	.0	.0	.3 11.1
NNW	.0	1.1	.1	3.5	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.1 5.1
CALM	.4	15.5													.4 15.5
TOTAL	.8	30.6	1.4	54.2	.2	6.0	.1	5.5	.1	2.6	.0	.9	.0	.1	2.5 100
															7.0

CEILING-VISIBILITY

WIND GRAPH



BOI BOISE, ID

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 801 BOISE, ID

PERIOD: 1948-1978

CLASS 4 / DAY

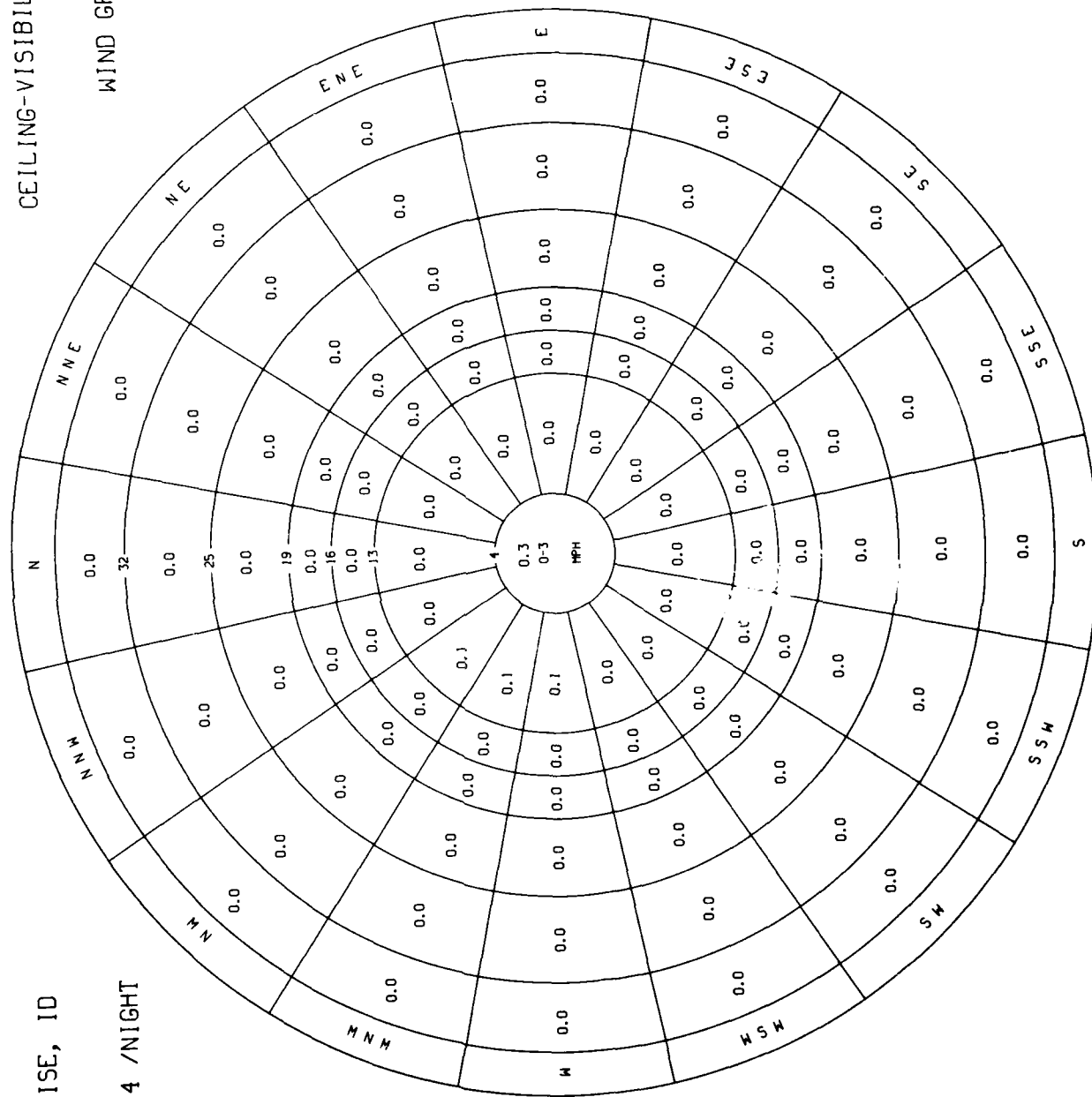
STATION NUMBER: 24131

NO. OBS.: 340

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.8
NNE	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	5.2
NE	.0	1.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.7
ENE	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.8
E	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	8.2
ESE	.0	.3	.0	2.9	.0	.9	.0	.6	.0	1.8	.0	.9	.0	.3	.1	7.6	16.2
SE	.0	.9	.0	2.6	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	4.4	8.4
SSE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.7
S	.0	1.8	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	4.4
SSW	.0	.3	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.6
SW	.0	1.2	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.6
WSW	.0	.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	7.3
W	.0	.9	.1	7.9	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1	9.7	7.2
WNW	.0	2.4	.1	11.8	.0	1.2	.0	1.2	.0	1.2	.0	.0	.0	.0	.1	17.6	8.8
NW	.0	.9	.1	8.8	.0	.3	.0	1.2	.0	.3	.0	.3	.0	.3	.1	12.1	9.7
NNW	.0	.9	.0	3.8	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	5.0	8.1
CALM	.1	21.5													.1	21.5	
TOTAL	.2	36.2	.3	51.2	.0	3.2	.0	3.8	.0	3.8	.0	1.2	.0	.6	.7	100	6.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 24131

NO. OBS.: 345

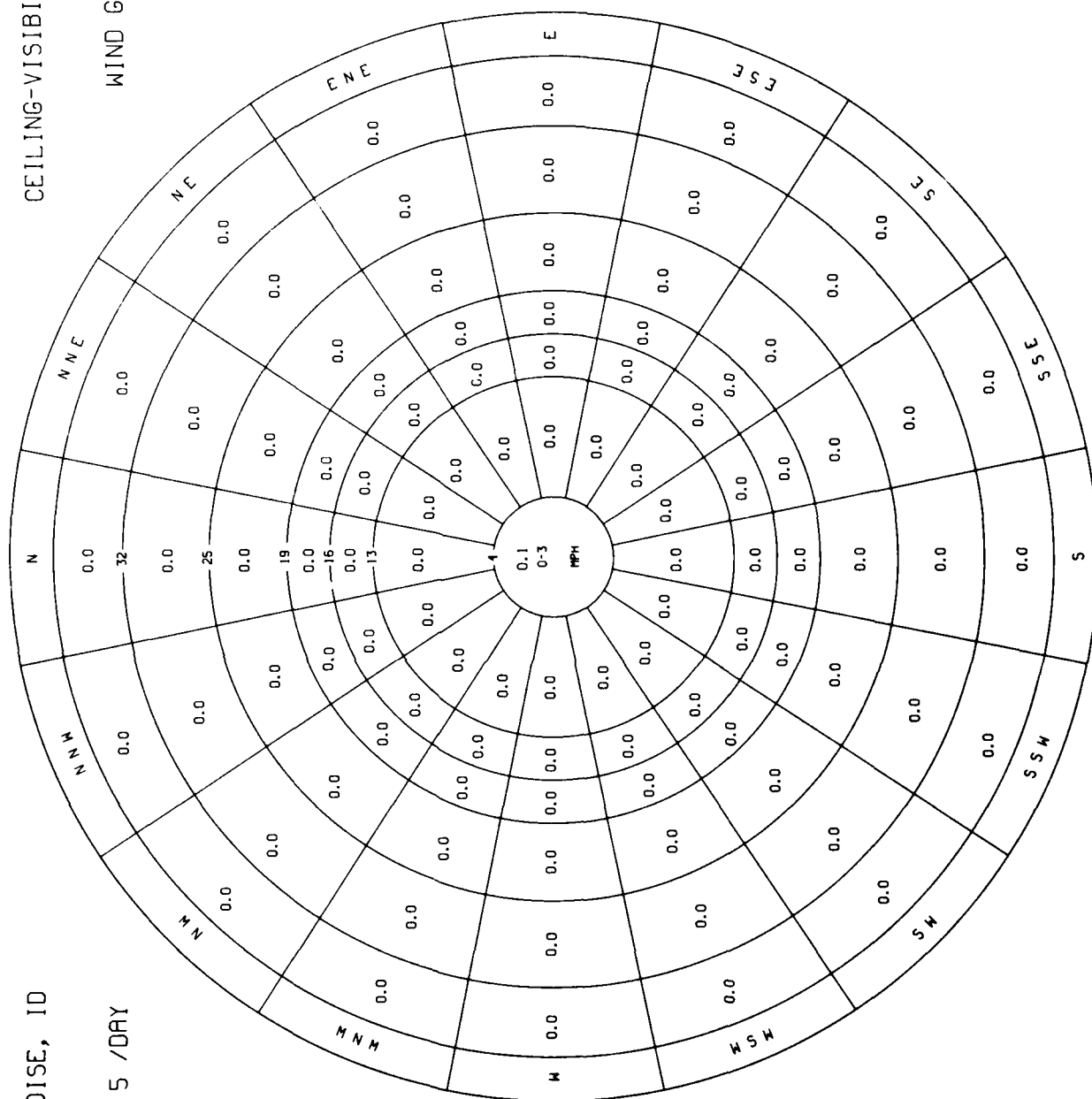
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.2	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
NNE	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NE	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
ENE	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
E	.0	1.2	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	2.9
ESE	.0	.3	.0	1.2	.0	.3	.0	.0	.0	.9	.0	.0	.0	.0	2.6
SE	.0	.9	.0	3.8	.0	.6	.0	.6	.0	.6	.0	.0	.0	.1	6.4
SSE	.0	.6	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
S	.0	1.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
SSW	.0	1.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
SW	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
WSW	.0	1.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
W	.0	.9	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.0
WNW	.0	1.4	.1	14.2	.0	.6	.0	.3	.0	.3	.0	.0	.0	.2	16.8
NW	.0	.9	.1	9.9	.0	2.0	.0	1.2	.0	.0	.0	.0	.0	.1	13.9
NNW	.0	.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
CALM	.2	22.0												.2	22.0
TOTAL	.3	36.2	.5	56.2	.0	3.8	.0	2.0	.0	1.7	.0	.0	.0	.9	100
															5.5

CEILING-VISIBILITY

WIND GRAPH

BOI BOISE, ID

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 5 / DAY

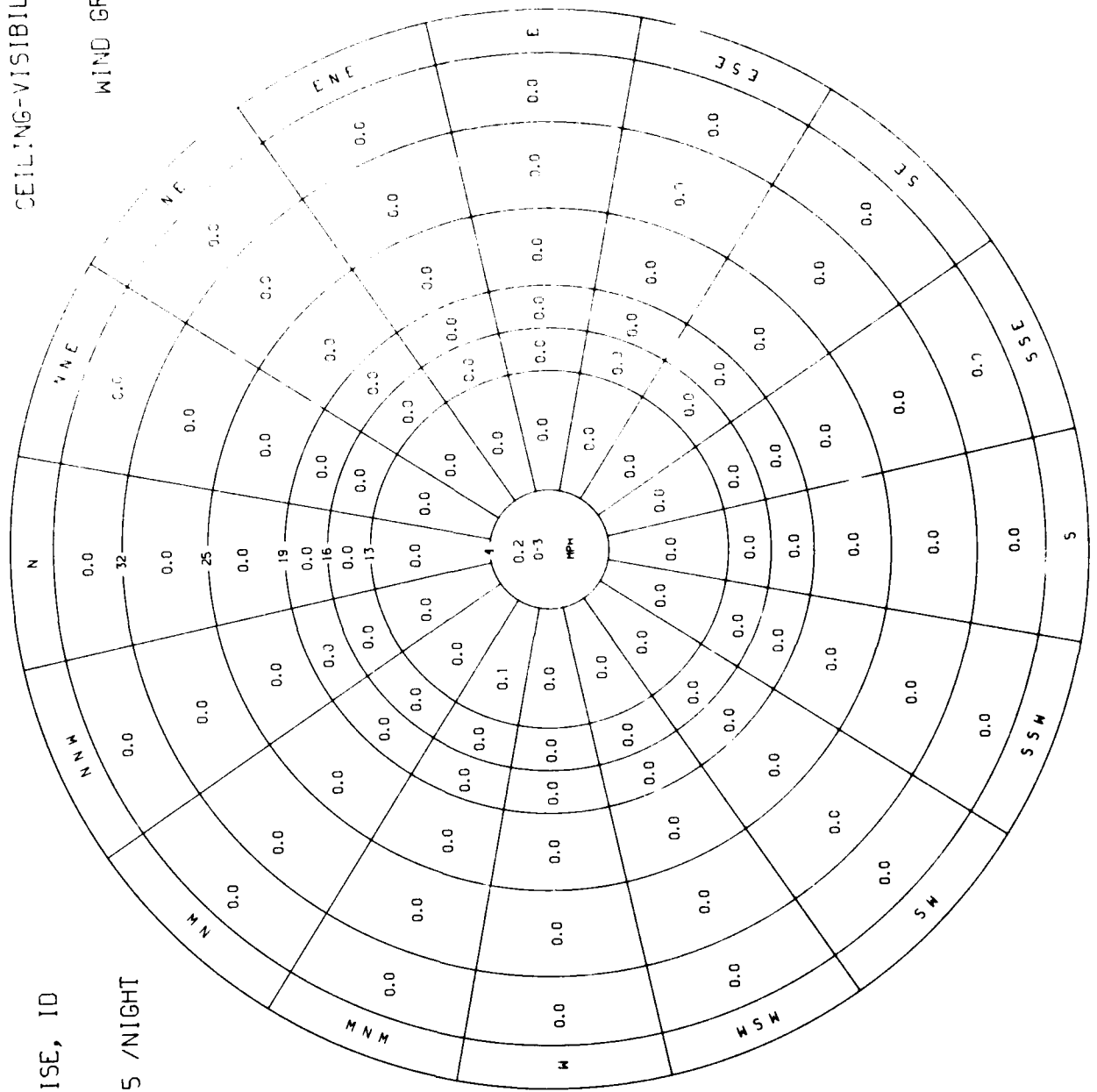
STATION NUMBER: 24131

NO. OBS.: 102

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	5.5
NNE	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.0
NE	.0	2.0	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.2
ENE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.7
E	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.0
ESE	.0	1.0	.0	2.9	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.8
SE	.0	.0	.0	3.9	.0	.0	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	4.9	10.2
SSE	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.7
S	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSW	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.5
SW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.0
WSW	.0	1.0	.0	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.0
W	.0	4.9	.0	3.9	.0	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.8
WNW	.0	2.9	.0	12.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	6.8
NW	.0	3.9	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.7	5.8
NNW	.0	1.0	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	6.0
CALM	.0	17.6														.0	17.6	
TOTAL	.1	41.2	.1	54.9	.0	1.0	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.2	100	5.0

BOI BOISE, ID

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 5 / NIGHT

STATION NUMBER: 24131

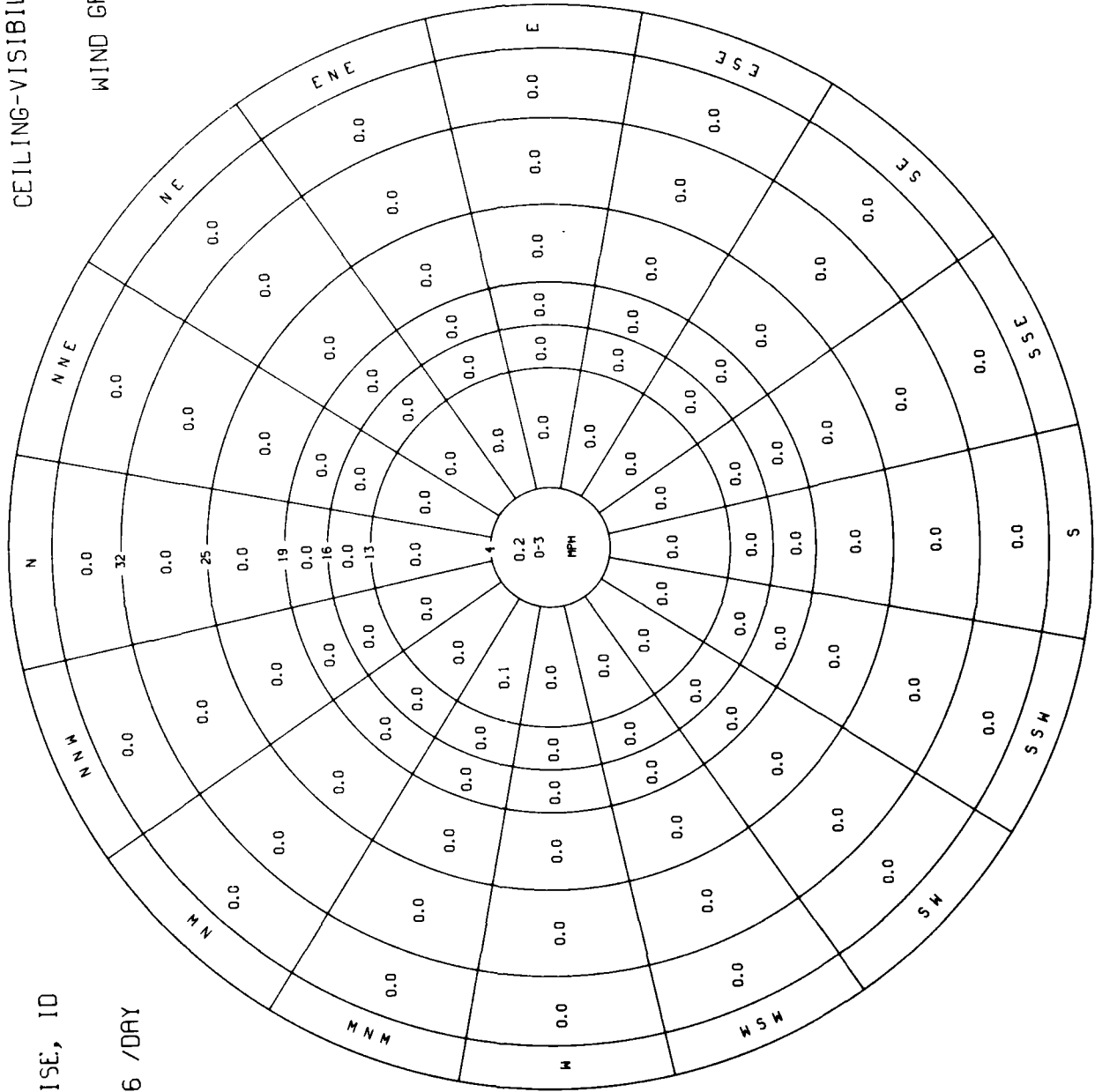
NO. OBS.: 178

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NNE	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6
NE	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
ENE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
E	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
ESE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
SE	.0	1.1	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SSE	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
S	.0	1.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
SSW	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7
SW	.0	1.1	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
WSW	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8
W	.0	1.1	.0	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.7
WNW	.0	1.7	.1	15.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	18.0
NW	.0	6.2	.0	5.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	12.4
NNW	.0	1.1	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6
CALM	.1	28.7													28.7
TOTAL	.2	49.4	.2	49.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	51.0

BOI BOISE, ID

WIND GRAPH

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 24131

NO. OBS.: 223

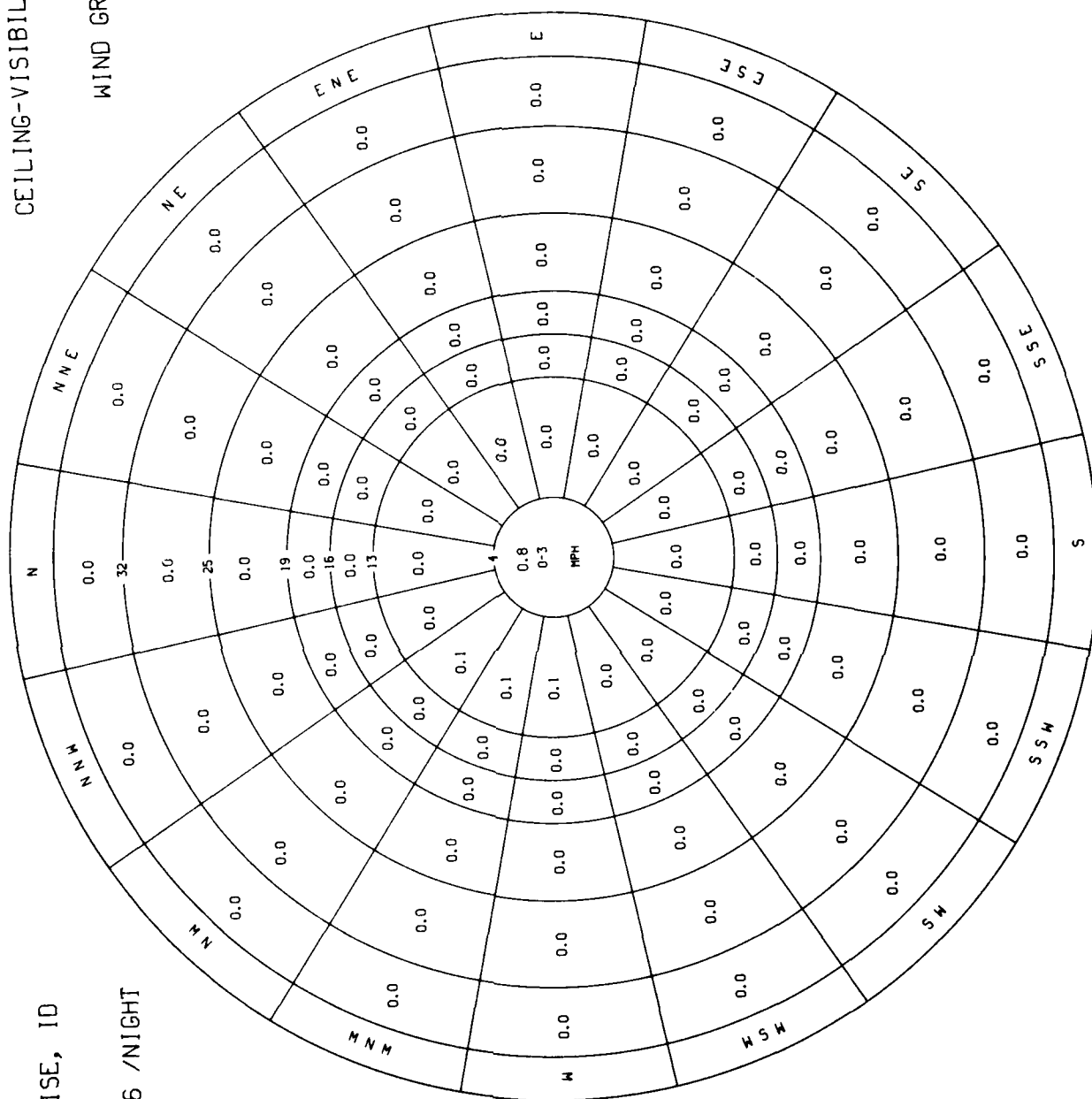
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	3.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.8	4.6
NNE	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.7
NE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	1.8	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.3
ESE	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.2
SE	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.8
SSE	.0	.9	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.2
S	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.5
SSW	.0	.4	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.0
SW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
WSW	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6
W	.0	1.3	.0	9.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	5.5
WNW	.0	2.2	.1	12.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	14.8	6.3
NW	.0	2.2	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	4.9
NNW	.0	1.3	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.9
CALM	.1	26.9													.1	26.9	
TOTAL	.2	50.2	.2	49.3	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.4	100	3.7

CEILING-VISIBILITY

WIND GRAPH

BOI BOISE, ID

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: B01 BOISE, ID

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 24131

NO. OBS.: 545

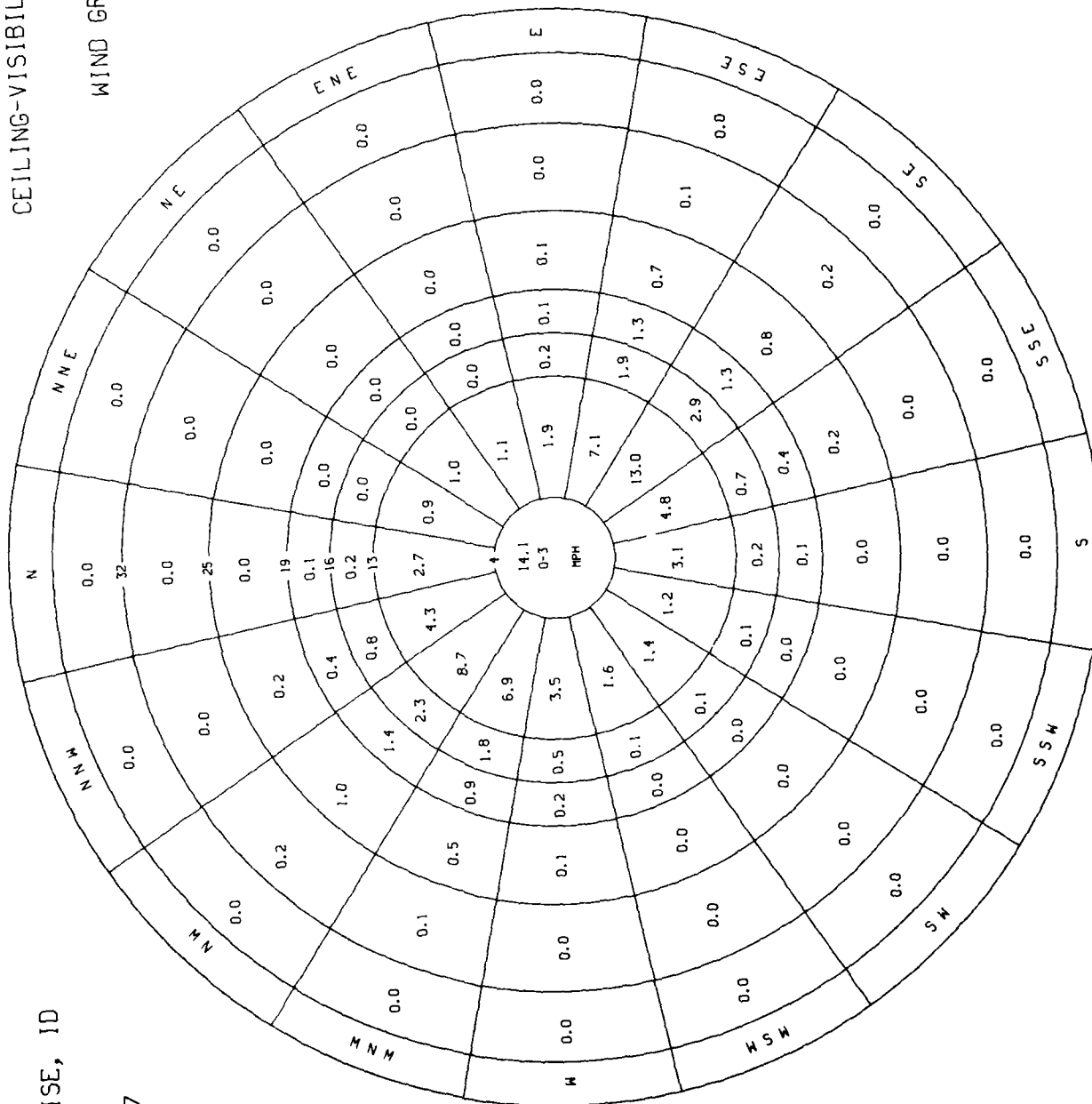
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.8	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	4.2
NNE	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.2
NE	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.7
ENE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.6
E	.0	1.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.5
ESE	.0	1.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.2
SE	.0	1.8	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	4.5	
SSE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.2	
S	.0	1.1	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.7	
SSW	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.5	
SW	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.9	
WSW	.0	1.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.9	4.5	
W	.0	1.7	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	5.5	
WNW	.0	1.8	.1	10.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	12.5	6.3	
NW	.0	3.3	.1	7.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.2	5.6	
NNW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.2	
CALM	.5	32.3													.5	32.3		
TOTAL	.8	57.2	.6	42.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.14	100		3.4

CEILING-VISIBILITY

WIND GRAPH

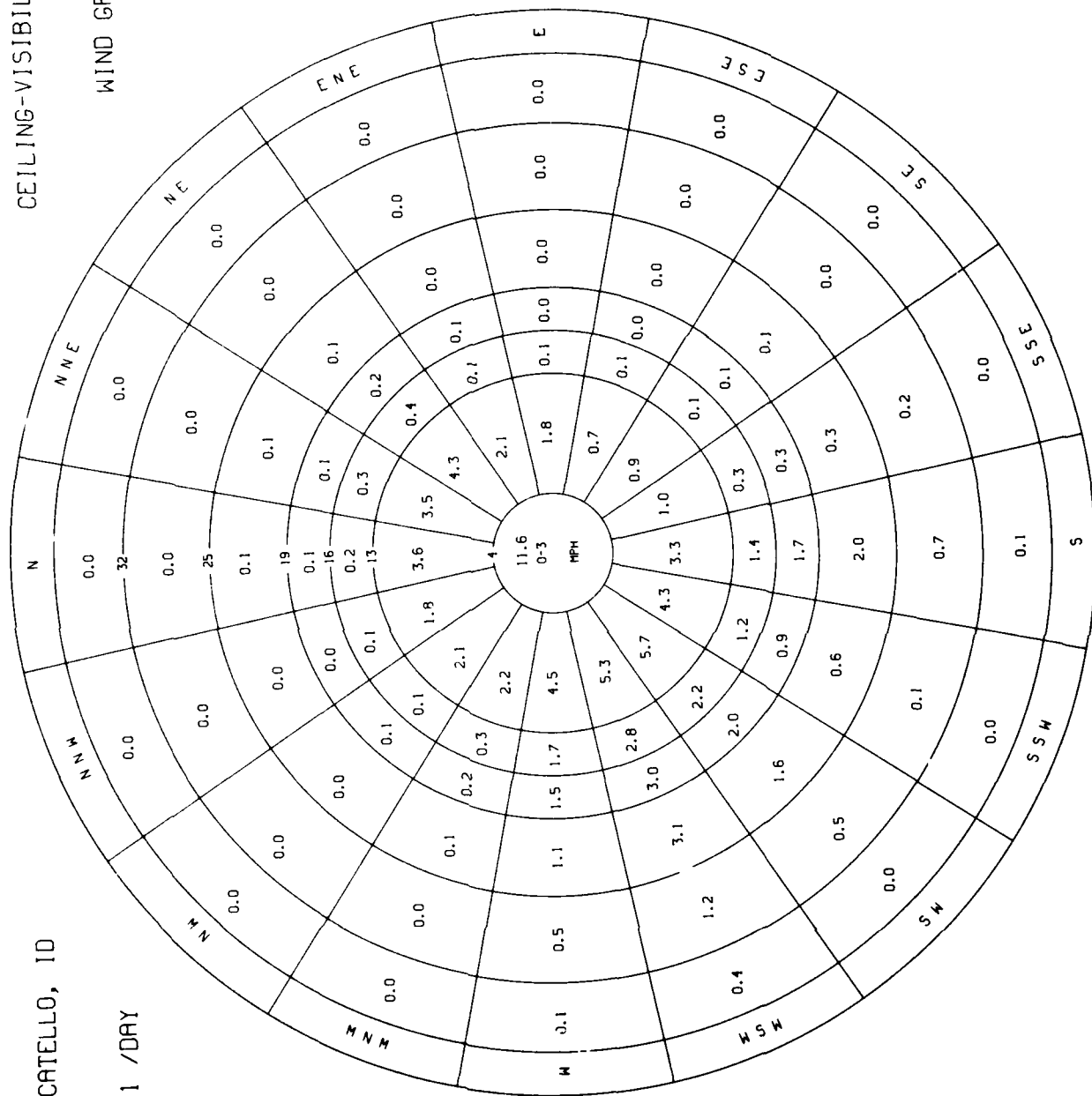
801 BOISE, ID

CLASS 7



PIH POCATELLO, ID

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PIH POCATELLO, ID

PERIOD: 1950-1978

CLASS 1 / DAY

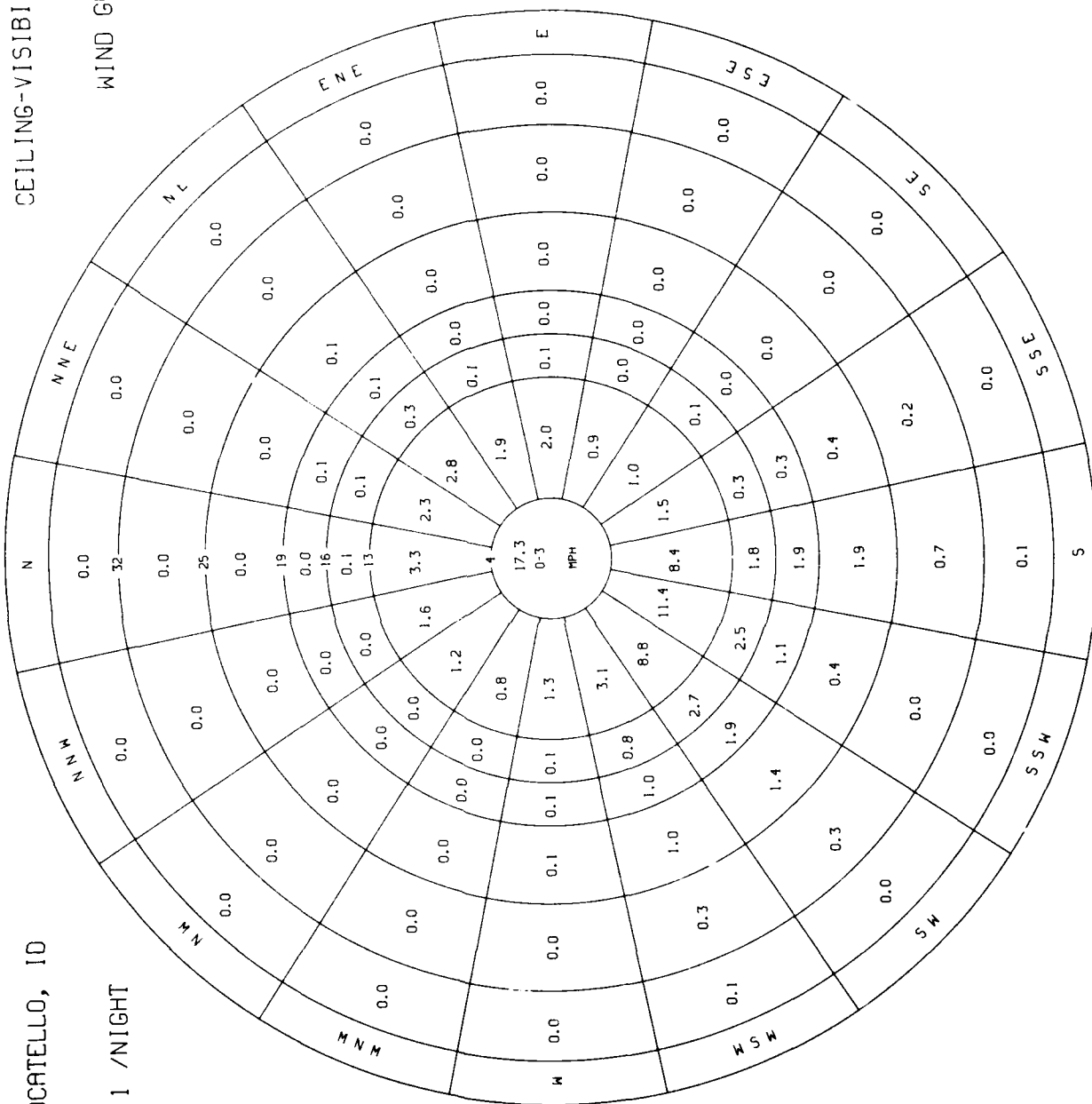
STATION NUMBER: 24156

NO. OBS.: 45506

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.7	.7	3.6	3.8	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	4.7	5.0	7.5
NNE	.4	.5	3.5	3.8	.3	.4	.1	.2	.1	.1	.0	.0	.0	.0	4.6	4.9	8.3
NE	.7	.8	4.3	4.6	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	5.7	6.1	7.8
ENE	.3	.3	2.1	2.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.8	7.6
E	.3	.4	1.8	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.4	7.0
ESE	.1	.2	.7	.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	7.1
SE	.3	.3	.9	1.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.4	1.5	8.0
SSE	.2	.2	1.0	1.0	.3	.3	.3	.3	.3	.3	.2	.2	.0	.1	2.2	2.3	13.3
S	.4	.4	3.3	3.6	1.4	1.5	1.7	1.8	2.0	2.2	.7	.8	.1	.1	9.6	10.3	15.0
SSW	.3	.3	4.3	4.6	1.2	1.2	.9	1.0	.6	.6	.1	.1	.0	.0	7.3	7.8	11.6
SW	.5	.5	5.7	6.1	2.2	2.4	2.0	2.1	1.6	1.7	.5	.5	.0	.1	12.6	13.5	13.2
WSW	.3	.3	5.3	5.6	2.8	3.0	3.0	3.2	3.1	3.3	1.2	1.3	.4	.4	16.0	17.1	15.7
W	.4	.4	4.5	4.8	1.7	1.8	1.5	1.6	1.1	1.2	.5	.5	.1	.2	9.8	10.4	13.4
WNW	.2	.2	2.2	2.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	3.0	3.2	9.4
NW	.4	.4	2.1	2.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7	2.9	7.9
NNW	.3	.3	1.8	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.3	7.4
CALM	6.0	6.4													6.0	6.4	
TOTAL	11.6	12.4	47.2	50.4	11.4	12.2	10.2	10.9	9.3	9.9	3.2	3.5	.8	.8	93.6	100	11.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

CLASS 1 / NIGHT

NO. OBS.: 33317

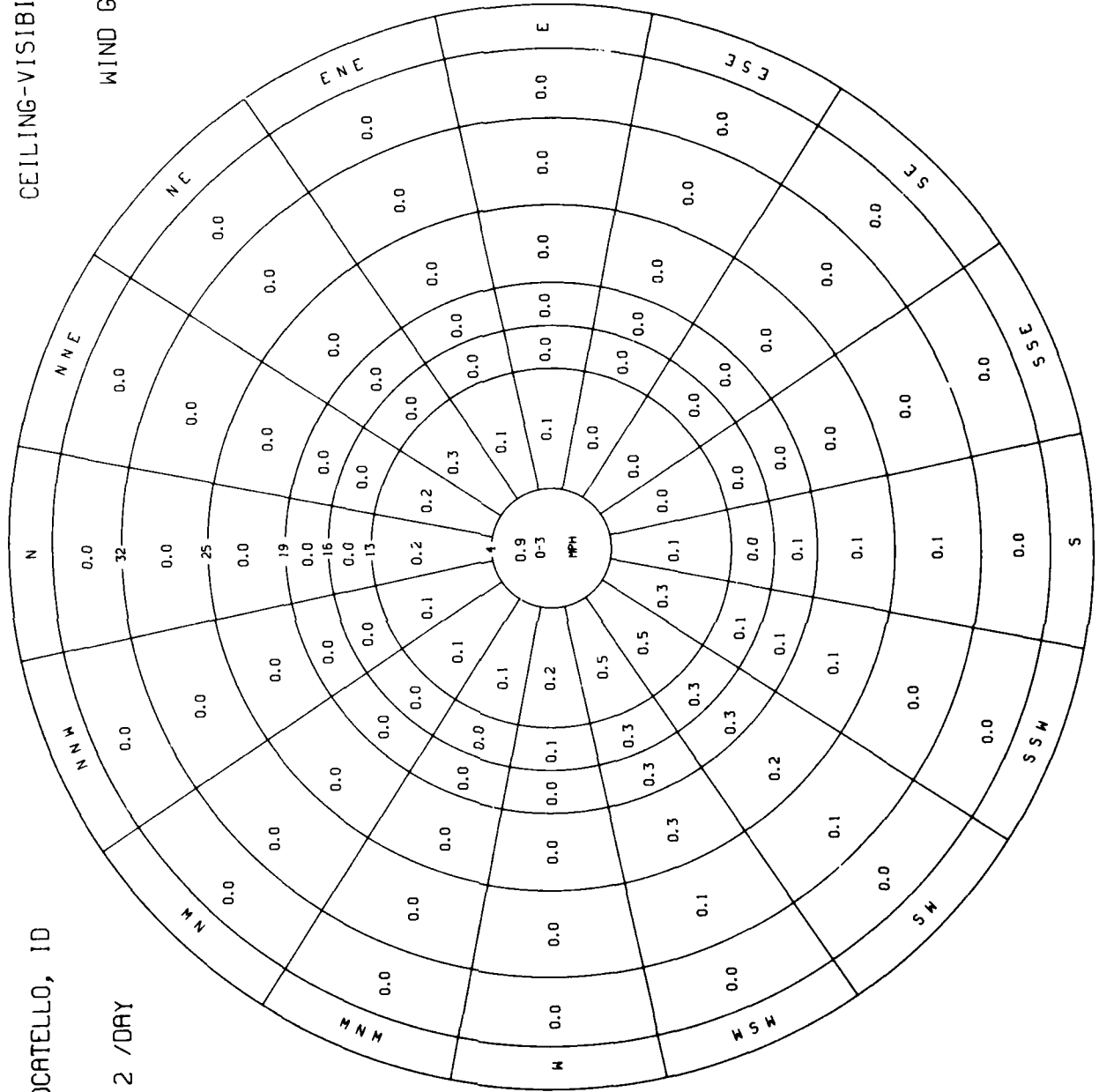
STATION NAME: PIH POCA TELLO, ID

STATION NUMBER: 24156

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.6	.6	3.3	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1 4.4
NNE	.5	.5	2.3	2.5	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.1 3.3
NE	.8	.8	2.8	3.0	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	4.0 4.4
ENE	.4	.4	1.9	2.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.3 2.5
E	.5	.6	2.0	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6 2.8
ESE	.3	.3	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.3
SE	.4	.5	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.7
SSE	.4	.4	1.5	1.6	.3	.4	.3	.3	.4	.5	.2	.2	.0	.1	3.1 3.4
S	.9	.9	8.4	9.1	1.8	2.0	1.9	2.0	1.9	2.1	.7	.7	.1	.1	15.7 16.9
SSW	.5	.6	11.4	12.3	2.5	2.7	1.1	1.2	.4	.4	.0	.0	.0	.0	15.9 17.2
SW	.7	.8	8.8	9.5	2.7	2.9	1.9	2.1	1.4	1.5	.3	.3	.0	.0	15.8 17.1
WSW	.4	.4	3.1	3.3	.8	.9	1.0	1.1	1.0	1.1	.3	.3	.1	.1	6.7 7.2
W	.3	.4	1.3	1.4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	2.0 2.2
WNW	.2	.2	.8	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1 1.2
NW	.4	.4	1.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.8
NNW	.3	.3	1.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0 2.1
CALM	9.8	10.6													9.8 10.6
TOTAL	17.3	18.7	52.3	56.5	9.1	9.8	6.7	7.2	5.4	5.9	1.5	1.6	.3	.3	92.6 100

PIH POCATELLO, ID

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: PIH POCATELLO, ID

CLASS 2 / DAY

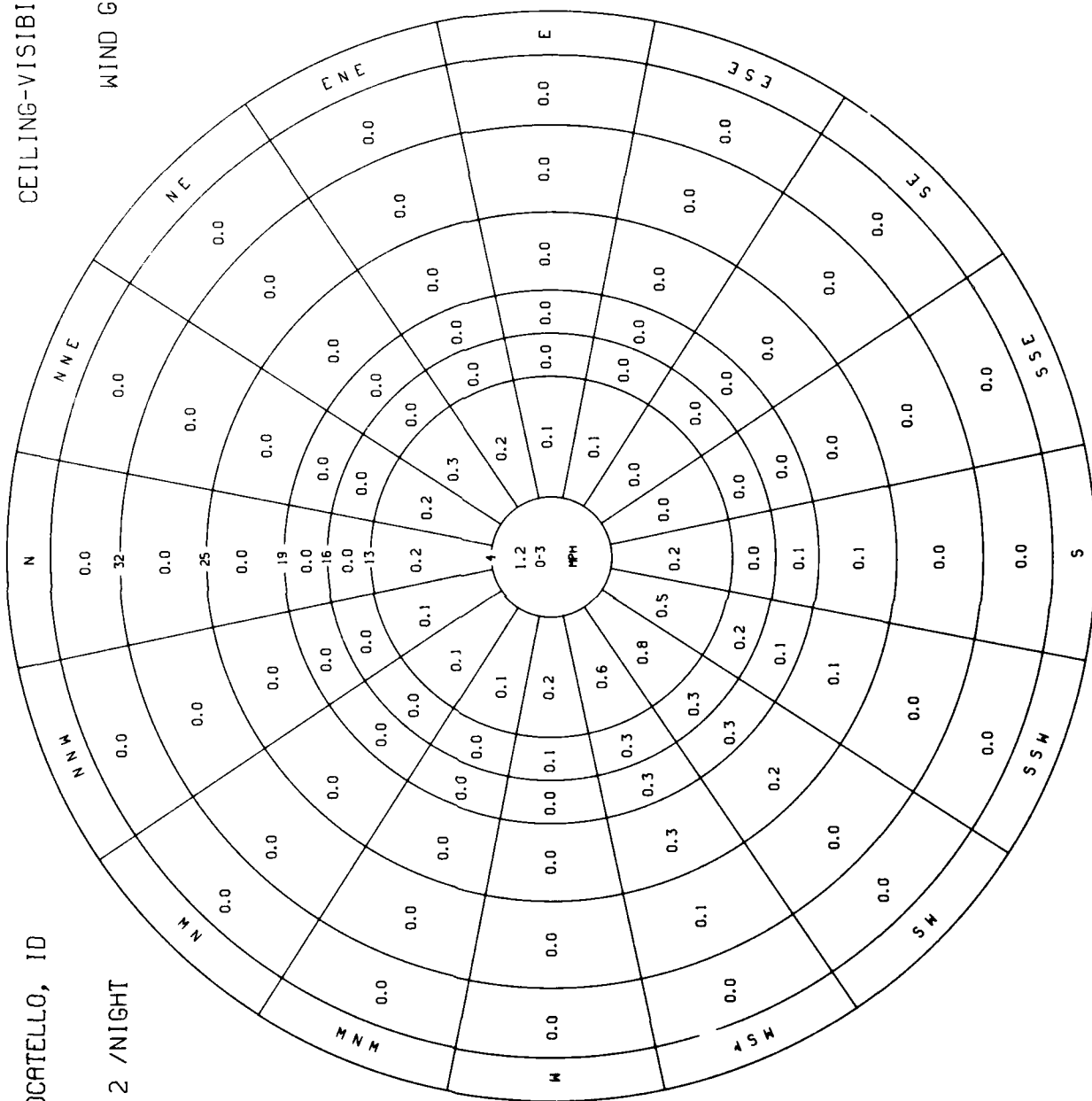
NO. OBS.: 3094

STATION NUMBER: 24156

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.5	.2	2.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	3.4	6.6
NNE	.0	.7	.2	3.6	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.3	4.8	7.7
NE	.1	.8	.3	4.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3	5.5	6.8
ENE	.0	.4	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5	6.3
E	.0	.4	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.7
ESE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.6
SE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.4
SSE	.0	.2	.0	.4	.0	.1	.0	.1	.0	.1	.0	.1	.0	.1	.1	1.0	14.1
S	.0	.3	.1	1.6	.0	.7	.1	.8	.1	1.3	.1	.9	.0	.3	.4	5.8	17.2
SSW	.0	.2	.3	4.2	.1	.8	.1	1.3	.1	.9	.0	.1	.0	.0	.5	8.5	12.5
SW	.0	.5	.5	8.1	.3	4.6	.3	4.3	.2	3.2	.1	.8	.0	.1	1.4	21.6	14.3
WSW	.0	.4	.5	8.6	.3	4.4	.3	5.1	.3	4.6	.1	1.6	.0	.5	1.6	25.2	15.6
W	.0	.4	.2	3.5	.1	1.2	.0	.7	.0	.5	.0	.2	.0	.1	.4	6.6	12.1
WNW	.0	.1	.1	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.8	8.0
NW	.0	.5	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.6	7.7
NNW	.0	.2	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	6.4
CALM	.5	7.9													.5	7.9	
TOTAL	.9	13.8	2.8	43.9	.9	13.6	.8	12.9	.7	10.8	.2	3.7	.1	1.3	6.4	100	11.6

CEILING-VISIBILITY

WIND GRAPH



PIH POCATELLO, ID

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PIH POCATELLO, ID

PERIOD: 1950-1978

CLASS 2 / NIGHT

STATION NUMBER: 24156

NO. OBS.: 2672

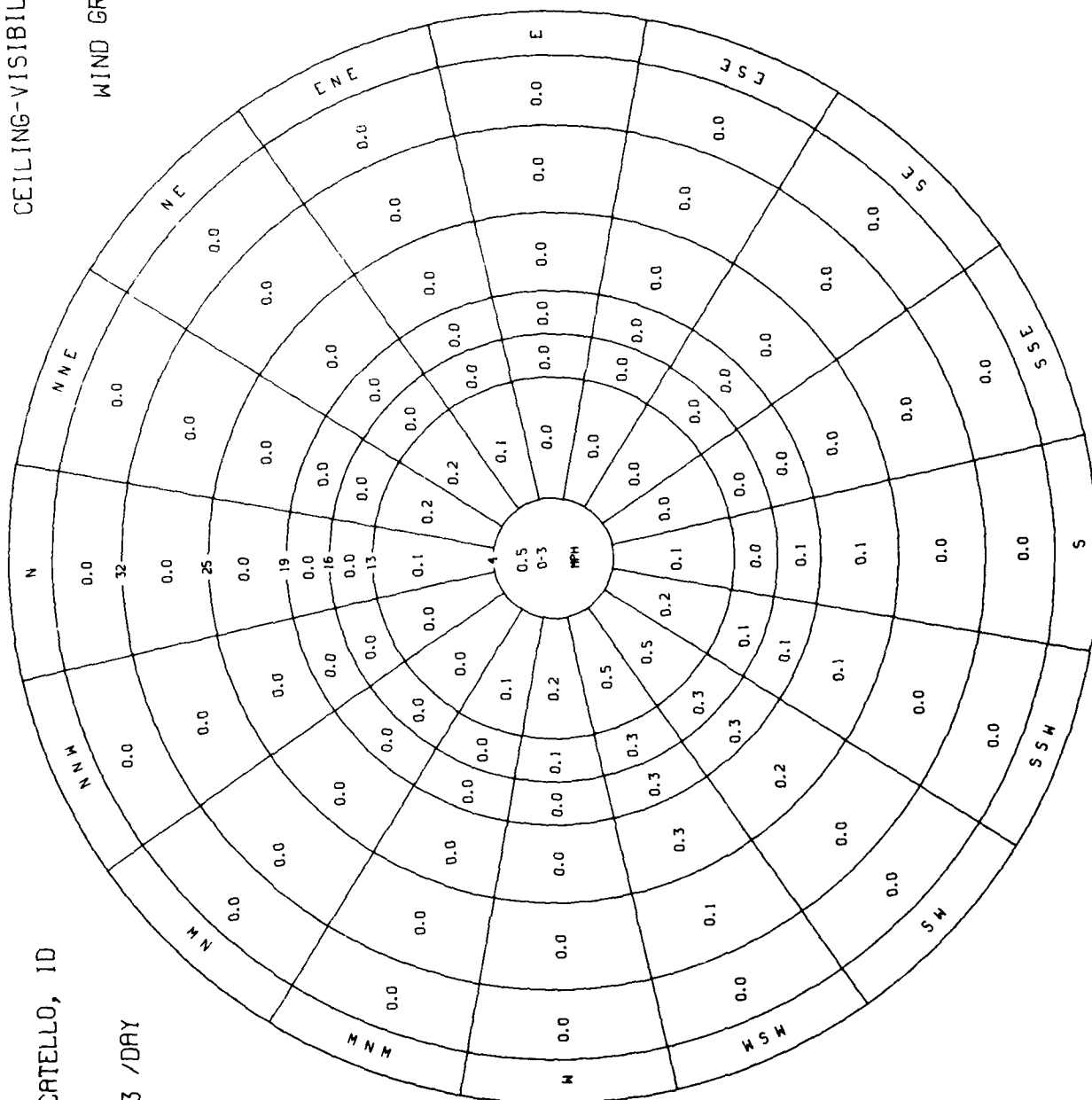
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.0	.6	.2	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.7	6.7
NNE	.0	.6	.2	3.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	4.0	7.9
NE	.0	.6	.3	4.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	5.2	6.9
ENE	.1	.7	.2	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.8	5.5
E	.0	.4	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.6
ESE	.0	.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	5.5
SE	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0
SSE	.0	.1	.0	.3	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1	.0	.0	.6	15.2
S	.0	.4	.2	2.2	.0	.5	.1	.9	.1	1.1	.0	.4	.0	.3	.4	5.8	15.1	
SSW	.0	.4	.5	7.1	.2	2.1	.1	1.1	.1	.8	.0	.1	.0	.0	.9	11.6	11.5	
SW	.1	.7	.8	11.0	.3	4.6	.3	4.0	.2	2.5	.0	.6	.0	.1	1.7	23.5	12.9	
WSW	.0	.4	.6	7.5	.3	3.5	.3	4.3	.3	3.7	.1	1.3	.0	.3	1.6	20.9	14.9	
W	.0	.2	.2	2.2	.1	.8	.0	.6	.0	.3	.0	.1	.0	.1	.3	4.3	12.1	
WNW	.0	.3	.1	1.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.8	7.9	
NW	.0	.3	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	6.4	
NNW	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.4	
CALM	.7	10.0													.7	10.0		
TOTAL	1.2	16.4	3.6	47.9	.9	12.1	.8	11.3	.6	8.6	.2	2.6	.1	.9	7.4	100	10.5	

CEILING-VISIBILITY

WIND GRAPH

PIH POCATELLO, ID

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PIH POCATELLO, ID

PERIOD: 1950-1978

CLASS 3 / DAY

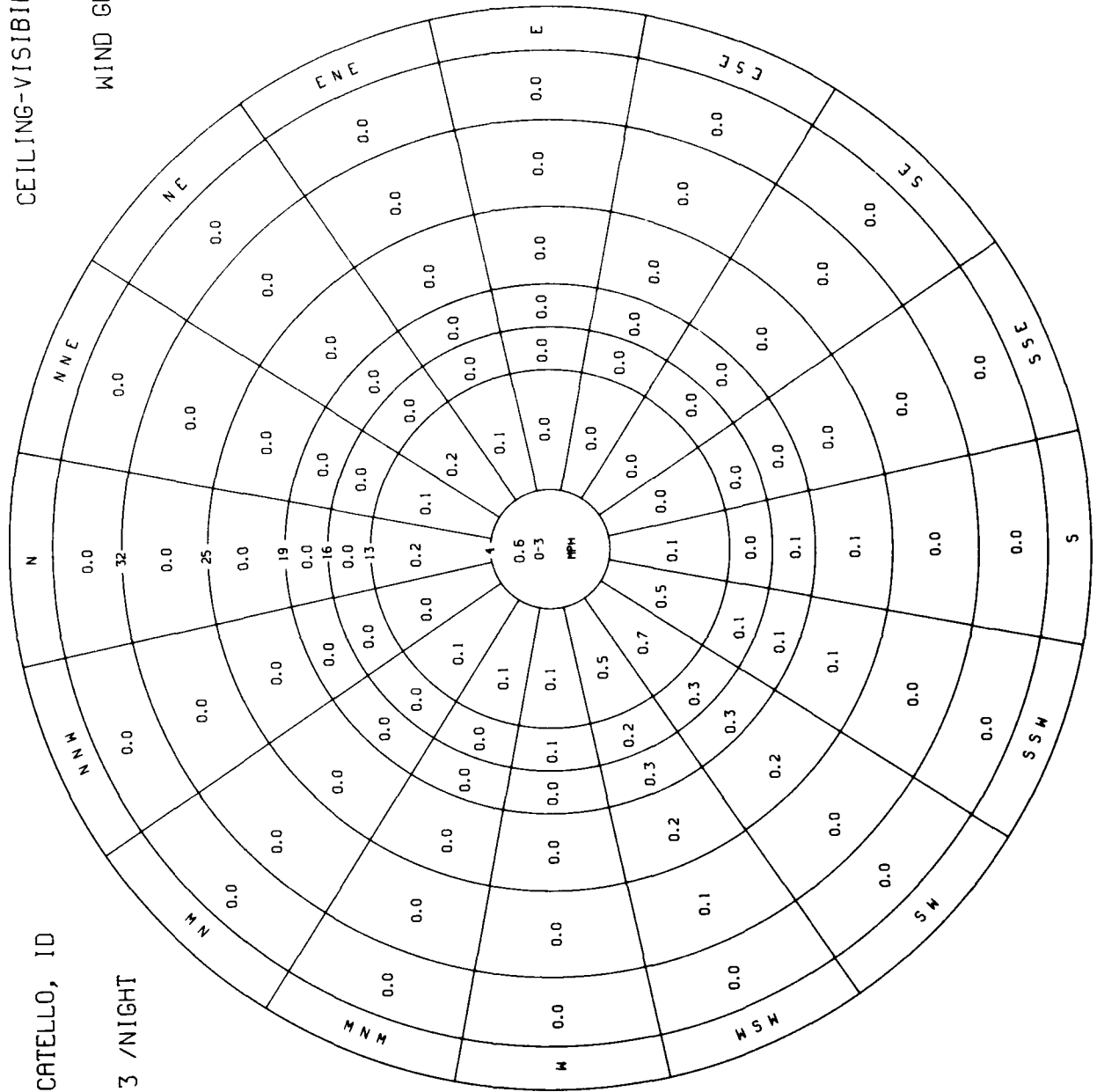
STATION NUMBER: 24156

NO. OBS.: 2483

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	.1	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.3	6.6
NNE	.0	.6	.2	3.2	.0	.1	.0	.2	.0	.1	.0	.0	.0	.0	.2	4.1	7.6
NE	.0	.6	.2	3.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	4.7	6.9
ENE	.0	.3	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	6.6
E	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.9
ESE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.5
SE	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.7
SSE	.0	.1	.0	.3	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.0	.7	13.0
S	.0	.2	.1	1.5	.0	.6	.1	1.0	.1	1.2	.0	.7	.0	.2	.3	5.5	16.6
SSW	.0	.1	.2	4.6	.1	2.0	.1	1.4	.1	1.0	.0	.1	.0	.0	.5	9.3	12.6
SW	.0	.5	.5	9.1	.3	5.2	.3	4.9	.2	3.5	.0	.8	.0	.1	1.2	24.2	14.2
WSW	.0	.2	.5	9.3	.3	5.1	.3	5.9	.3	5.1	.1	1.8	.0	.5	1.4	28.0	15.7
W	.0	.4	.2	3.5	.1	1.4	.0	.6	.0	.5	.0	.1	.0	.1	.3	6.7	11.9
WNW	.0	.0	.1	1.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.7	8.4
NW	.0	.3	.0	.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	6.8
NNW	.0	.1	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	6.5
CALM	.3	5.8													.3	5.8	
TOTAL	.5	10.4	2.2	43.6	.8	15.3	.7	14.5	.6	11.7	.2	3.6	.0	.9	5.1	100	12.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PIH POCA TELLO, ID

PERIOD: 1950-1978

CLASS 3 / NIGHT

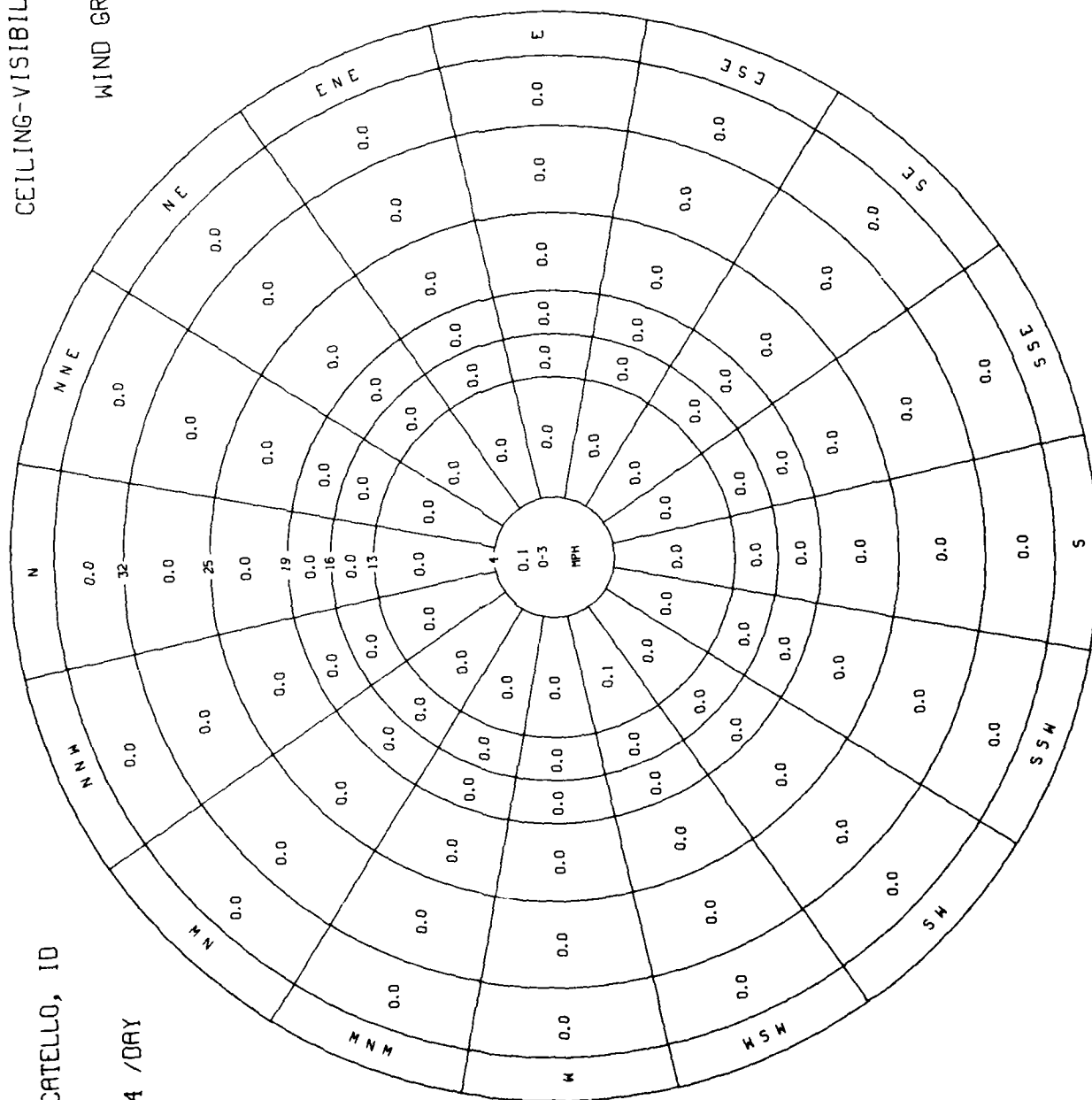
STATION NUMBER: 24156

NO. OBS.: 2055

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.4	.2	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	7.3
NNE	.0	.5	.1	2.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2	3.4	8.5
NE	.0	.5	.2	3.4	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2	4.3	7.3
ENE	.0	.4	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	5.4
E	.0	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.6
ESE	.0	.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.1
SF	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.5
SSE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.7	13.3
S	.0	.2	.1	2.3	.0	.6	.1	1.1	.1	1.3	.0	.5	.0	.3	.4	6.3	15.6
SSW	.0	.4	.5	8.0	.1	2.4	.1	1.2	.1	.9	.0	.1	.0	.0	.7	13.1	11.7
SW	.0	.5	.7	12.2	.3	5.3	.3	5.0	.2	3.0	.0	.7	.0	.1	1.5	26.9	13.3
WSW	.0	.3	.5	8.0	.2	4.1	.3	5.3	.2	4.2	.1	1.5	.0	.3	1.4	23.7	15.3
W	.0	.1	.1	2.2	.1	1.0	.0	.7	.0	.3	.0	.2	.0	.1	.3	4.7	13.0
WNW	.0	.2	.1	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.7	8.0
NW	.0	.2	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	6.8
NNW	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.8
CALM	.3	6.1													.3	6.1	
TOTAL	.6	10.6	2.7	47.3	.8	14.2	.8	13.7	.6	10.1	.2	3.1	.1	1.0	5.7	100	11.8

WIND GRAPH

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: PIH POCATELLO, ID

CLASS 4 / DAY

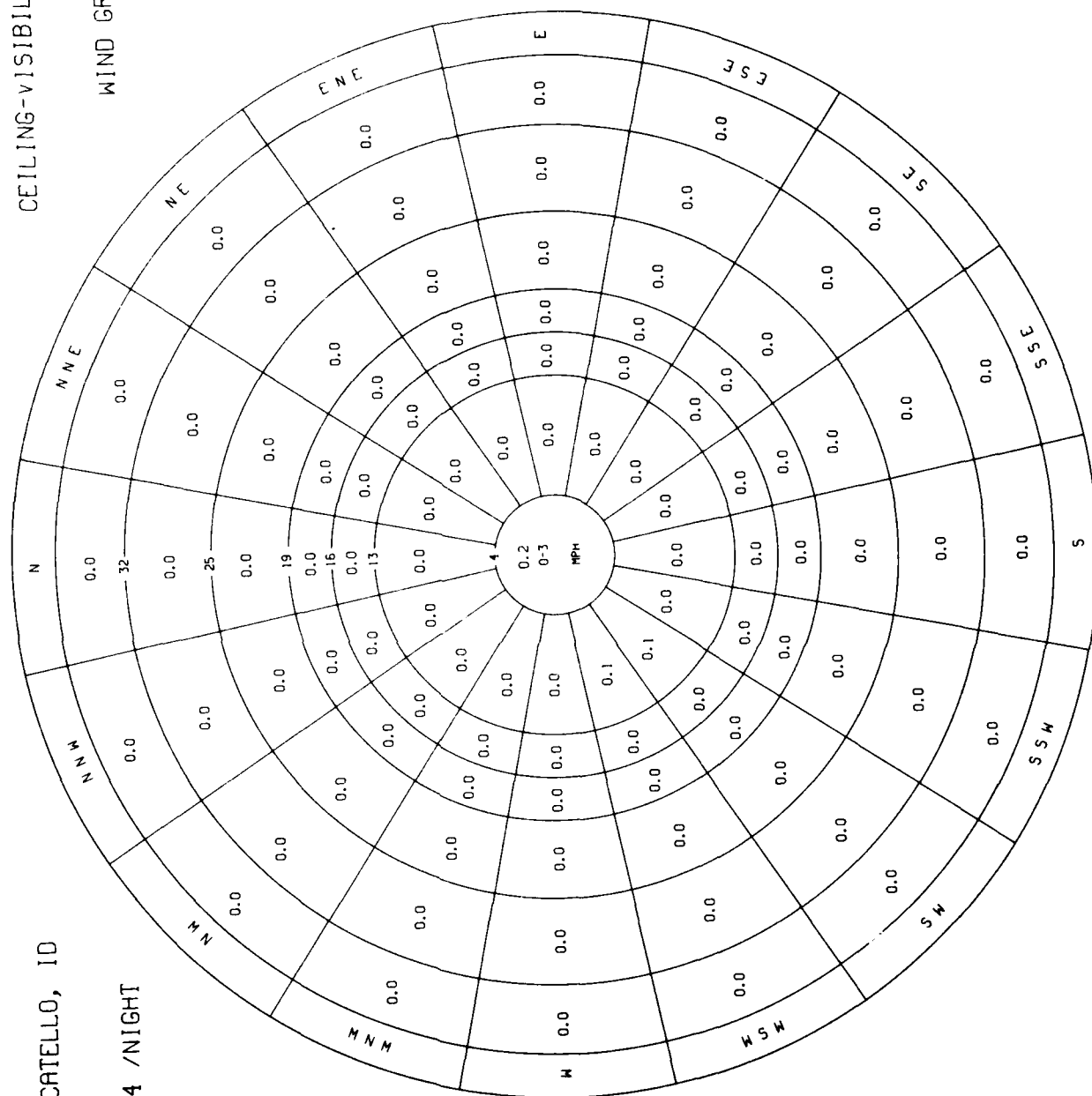
NO. OBS.: 365

STATION NUMBER: 24156

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	2.7	8.1
NNE	.0	.5	.0	5.2	.0	.3	.0	.3	.0	.5	.0	.0	.0	.0	.0	.1	6.8	8.8
NE	.0	1.4	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.9	5.7
ENE	.0	.3	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.0
E	.0	.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	6.0
ESE	.0	.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.2
SE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5
SSE	.0	.0	.0	1.1	.0	.0	.0	.3	.0	.0	.0	.3	.0	.5	.0	.0	2.2	19.4
S	.0	.0	.0	1.4	.0	1.1	.0	.3	.0	1.9	.0	1.9	.0	.8	.1	.7	7.4	20.6
SSW	.0	.8	.0	2.5	.0	1.4	.0	.8	.0	.3	.0	.0	.0	.3	.0	.6	6.0	11.6
SW	.0	.3	.0	6.3	.0	1.9	.0	2.5	.0	2.7	.0	1.6	.0	.3	.1	15.6	15.0	
WSW	.0	1.1	.1	7.7	.0	2.2	.0	2.2	.0	2.5	.0	.5	.0	.8	.1	17.0	14.0	
W	.0	.0	.0	3.3	.0	.8	.0	1.1	.0	.8	.0	.3	.0	.3	.0	6.6	14.1	
WNW	.0	.3	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.7	
NW	.0	.3	.0	1.1	.0	.3	.0	.3	.0	.3	.0	.3	.0	.0	.0	2.5	12.3	
NNW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.1	
CALM	.1	11.8													.1	11.8		
TOTAL	.1	19.7	.4	47.1	.1	8.2	.1	7.7	.1	9.3	.0	4.9	.0	3.0	.8	100	10.7	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: PIH POCA TELLO, 10

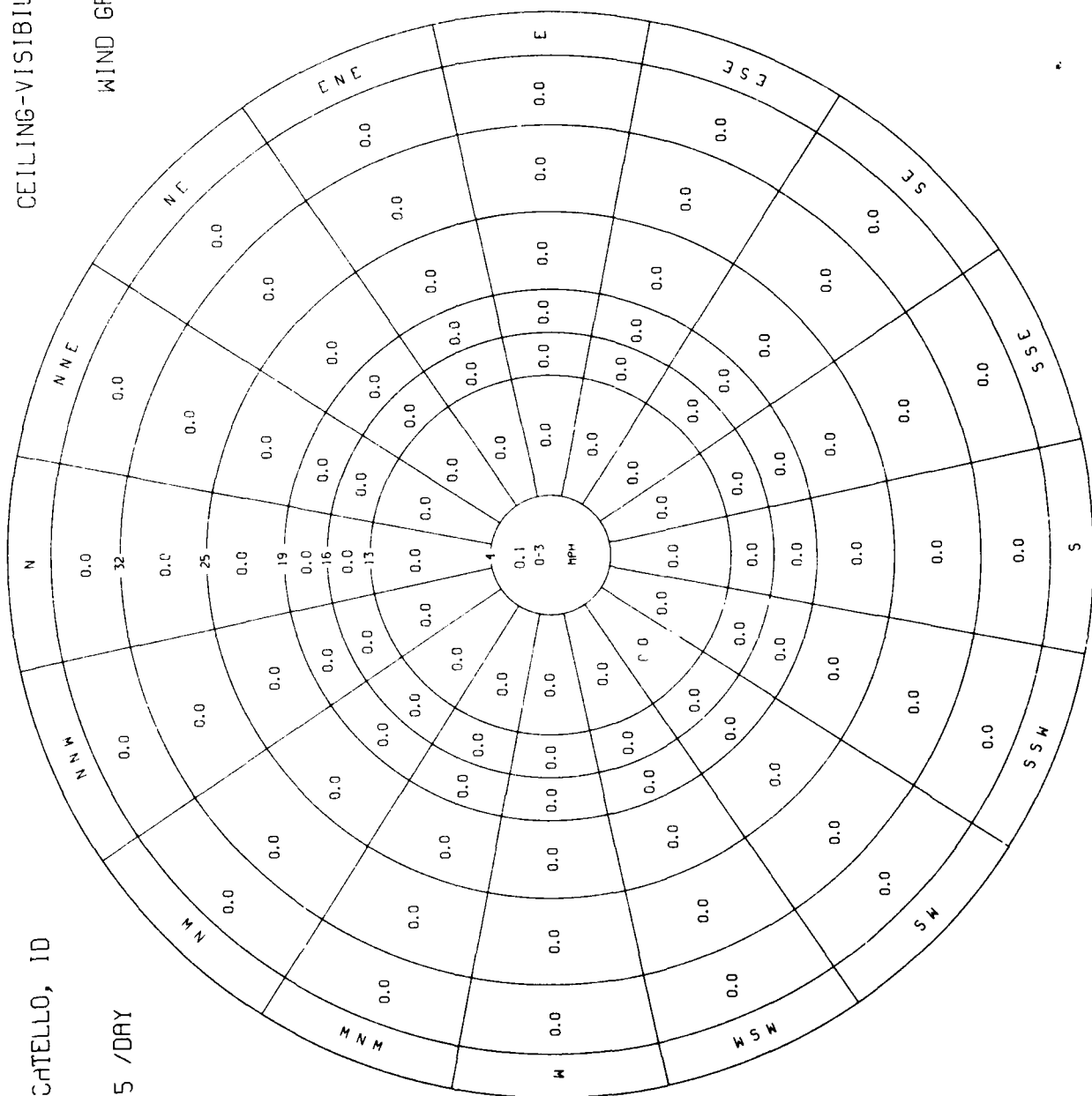
CLASS 4 / NIGHT

NO. OBS.: 291

STATION NUMBER: 24156

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.3	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.5
NNE	.0	.0	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.8
NE	.0	1.0	.0	5.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.9	6.7
ENE	.0	.3	.0	3.1	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	3.8	6.8
E	.0	.7	.0	2.1	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.1	6.6
ESE	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.5
SE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.5
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.3	25.0
S	.0	1.0	.0	2.1	.0	.3	.0	.3	.0	.3	.0	.3	.0	.7	.0	.5	2	13.4
SSW	.0	.3	.0	5.8	.0	1.7	.0	2.1	.0	.3	.0	.0	.0	.0	.0	.1	10.3	11.3
SW	.0	.7	.1	8.2	.0	4.5	.0	1.7	.0	.7	.0	.0	.0	.0	.0	.1	15.8	11.5
WSW	.0	.7	.1	6.9	.0	2.4	.0	2.4	.0	2.7	.0	1.4	.0	.0	.0	.1	16.5	13.9
W	.0	.7	.0	2.4	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	4.1	8.9
WNW	.0	.7	.0	1.0	.0	.0	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	2.4	8.9
NW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.5
NNW	.0	1.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.6
CALM	.1	17.5														.1	17.5	
TOTAL	.2	25.4	.4	49.5	.1	9.6	.1	7.6	.0	5.2	.0	2.1	.0	.7	.8	100		8.4

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: FIH POCATELLO, ID

CLASS 5 / DAY

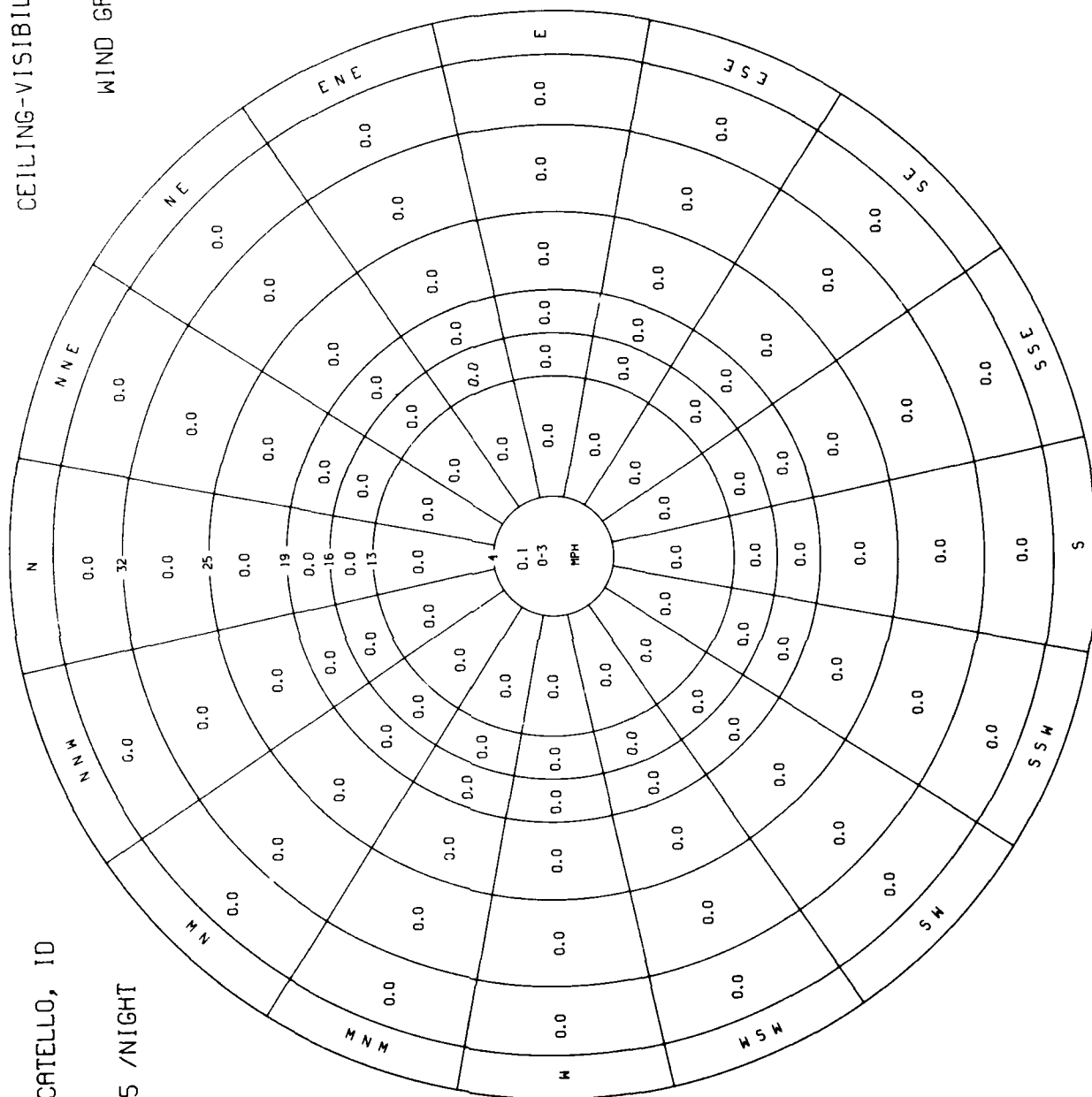
NO. OBS.: 120

STATION NUMBER: 24156

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+				TOTAL	
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.8	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.0	
NNE	.0	3.3	.0	6.7	.0	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	10.8	7.3	
NE	.0	2.5	.0	4.2	.0	.8	.0	.0	.0	.0	.0	.0	.8	.0	.0	8.3	9.4	
ENE	.0	.8	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	6.2	
E	.0	.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.5	
ESE	.0	.8	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.6	
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
SSE	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.0	
S	.0	.0	.0	2.5	.0	.8	.0	.0	.0	.8	.0	1.7	.0	1.7	.0	7.5	20.9	
SSW	.0	.0	.0	3.3	.0	1.7	.0	1.7	.0	.8	.0	.8	.0	.0	.0	8.3	13.1	
SW	.0	.0	.0	1.7	.0	2.5	.0	.0	.0	.0	.0	.8	.0	.0	.0	5.0	14.2	
WSW	.0	.8	.0	4.2	.0	.8	.0	2.5	.0	3.3	.0	2.5	.0	.0	.0	14.2	16.6	
W	.0	.0	.0	5.0	.0	.8	.0	1.7	.0	.0	.0	.8	.0	.0	.0	8.3	11.7	
WNW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.3	
NW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	6.0	
NNW	.0	.0	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	9.5	
CALM	.0	14.2													.0	14.2		
TOTAL	.1	26.7	.1	44.2	.0	8.3	.0	5.8	.0	5.0	.0	7.5	.0	2.5	.2	100	9.6	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PIH POCA TELLO, ID

PERIOD: 1950-1978

CLASS 5 / NIGHT

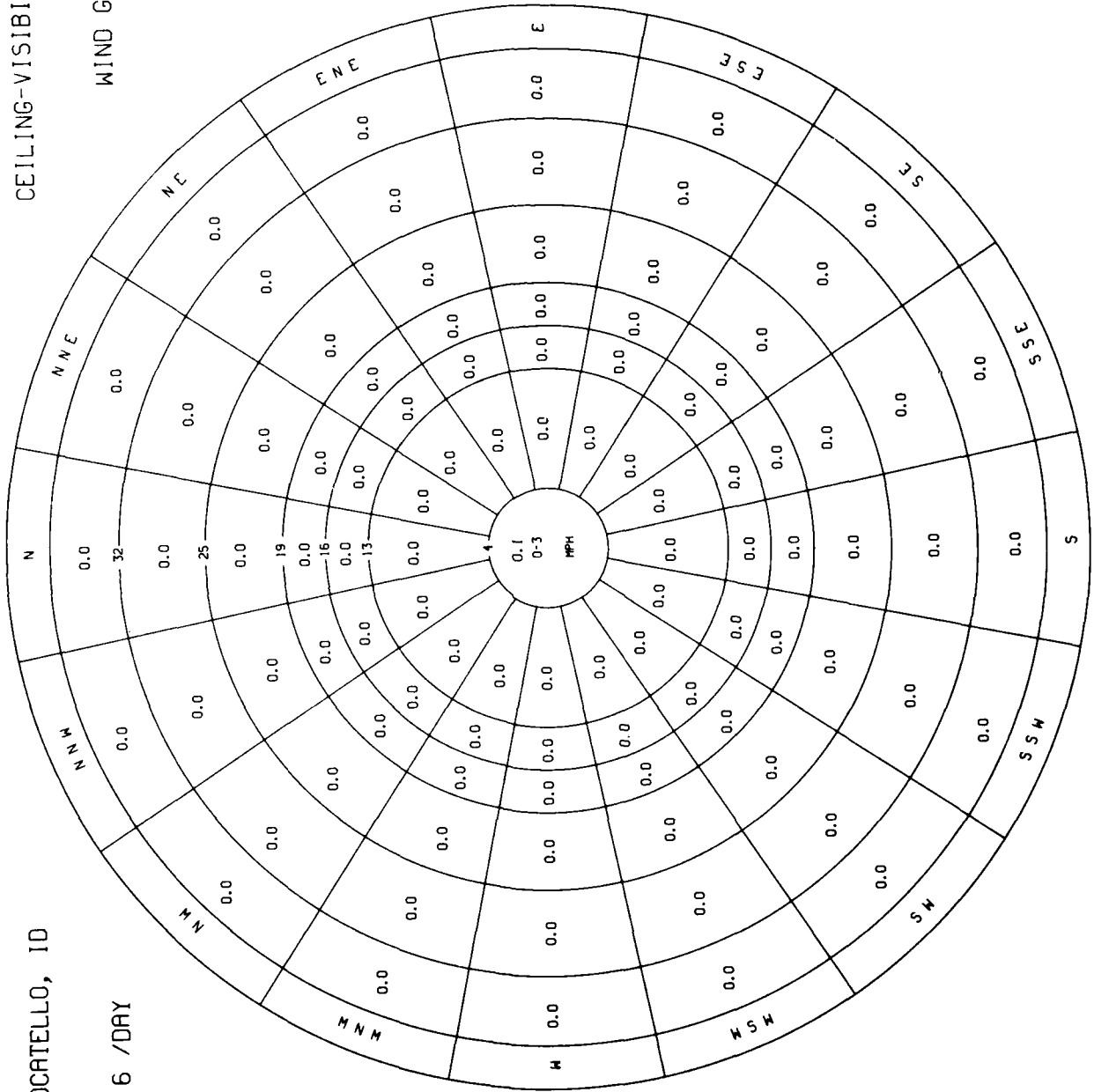
STATION NUMBER: 24156

NO. OBS.: 123

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.6	.0	3.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	6.3
NNE	.0	1.6	.0	4.1	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	6.5	7.1
NE	.0	1.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.0
ENE	.0	.8	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.8
E	.0	1.6	.0	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.8	5.7
ESE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.0
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	1.6	.0	2.4	.0	.0	.0	.0	.0	.8	.0	.0	.0	.8	.0	5.7	13.3
SSW	.0	.8	.0	2.4	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	4.1	9.6
SW	.0	1.6	.0	6.5	.0	.8	.0	.0	.0	1.6	.0	.0	.0	.0	.0	10.6	8.9
WSW	.0	2.4	.0	5.7	.0	.8	.0	.0	.0	2.4	.0	.0	.0	.0	.0	11.4	10.2
W	.0	.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	7.3
WNW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	7.0
NW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
NNW	.0	1.6	.0	4.1	.0	.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	6.5	7.8
CALM	.1	21.1													.1	21.1	
TOTAL	.1	38.2	.2	51.2	.0	2.4	.0	.0	.0	7.3	.0	.0	.0	.8	.3	100	6.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PIH POCATELLO, ID

PERIOD: 1950-1978

CLASS 6 / DAY

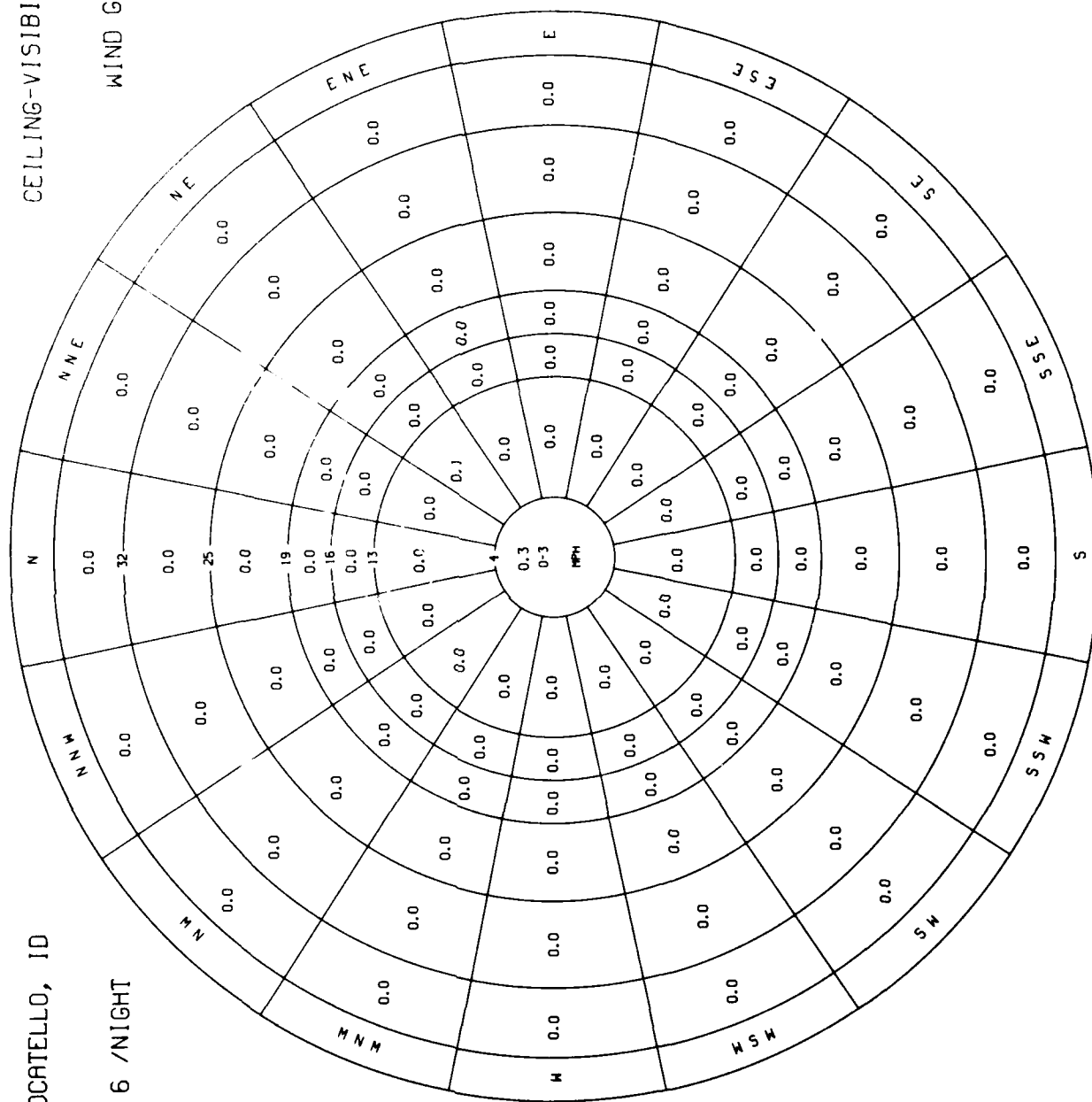
STATION NUMBER: 24156

NO. OBS.: 126

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.6	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.4
NNE	.0	2.4	.0	4.0	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	7.1	6.7
NE	.0	1.6	.0	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.3	6.2
ENE	.0	1.6	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.1
E	.0	3.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.3
ESE	.0	1.6	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.8
SE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.5
SSE	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	19.5
S	.0	1.6	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	9.7
SSW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.0
SW	.0	.0	.0	.8	.0	.8	.0	.8	.0	.8	.0	.0	.0	.0	.0	3.2	15.0
WSW	.0	.0	.0	2.4	.0	.0	.0	.8	.0	.8	.0	.0	.8	.0	.0	4.8	14.7
W	.0	.0	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	7.2
WNW	.0	.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.0
NW	.0	3.2	.0	2.4	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	6.3	6.4
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
CALM	.1	31.7													.1	31.7	
TOTAL	.1	50.8	.1	41.3	.0	.8	.0	3.2	.0	1.6	.0	.0	.0	.0	2.4	3	100
																	5.0

PIH POCATELLO, ID

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: PIH POCATELLO, ID

CLASS 6 / NIGHT

NO. OBS.: 203

STATION NUMBER: 24156

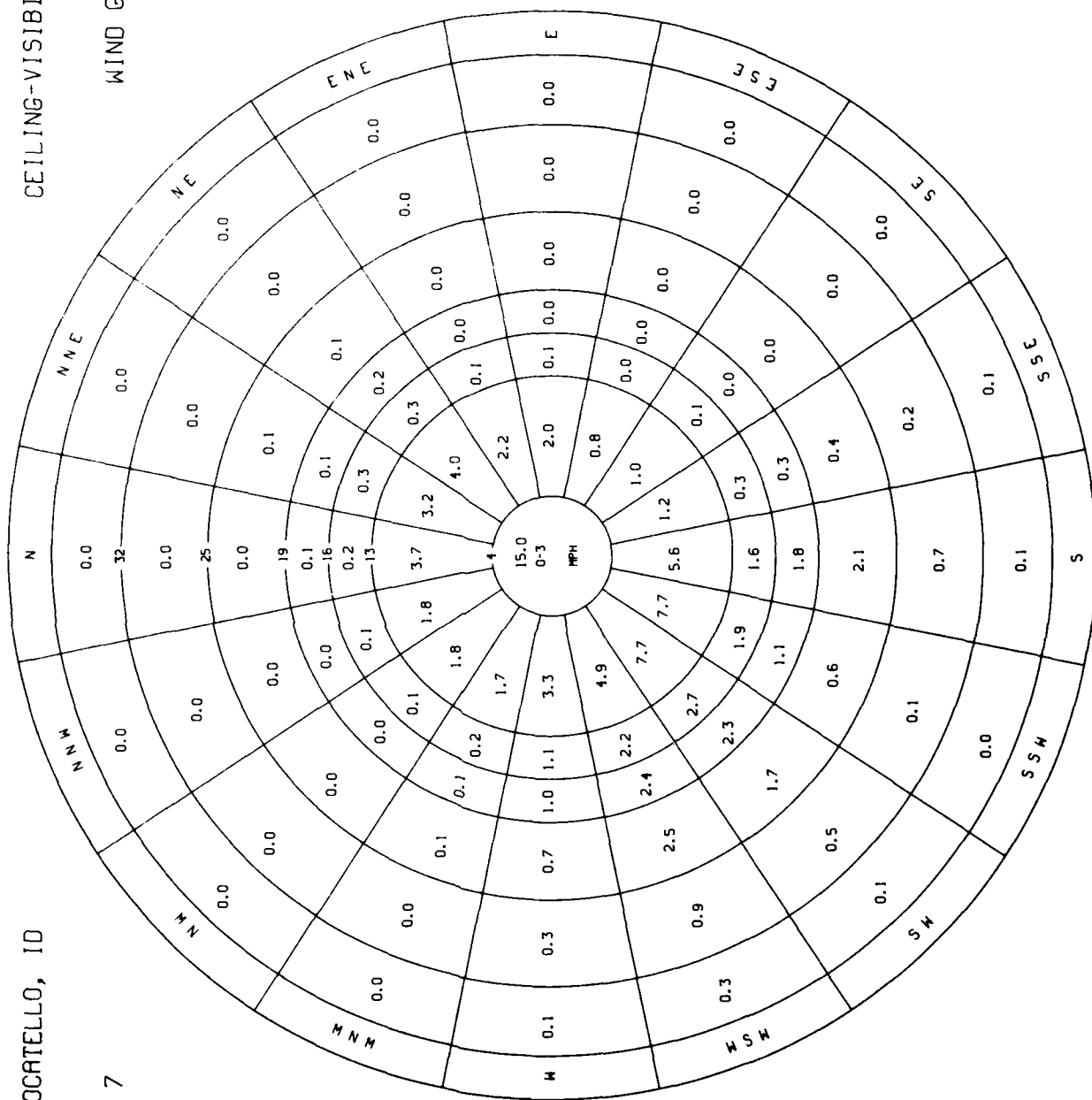
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.5	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
NNE	.0	2.0	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.4
NE	.0	1.0	.1	11.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 12.8
ENE	.0	3.4	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.9
E	.0	1.5	.0	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
ESE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
SE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SSE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
S	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SSW	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
SW	.0	2.5	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 7.4
WSW	.0	.0	.0	3.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.4
W	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
NNW	.0	.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
CALM	.2	32.0													.2 32.0
TOTAL	.3	49.8	.3	49.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.5	.6 100
															3.9

CEILING-VISIBILITY

WIND GRAPH

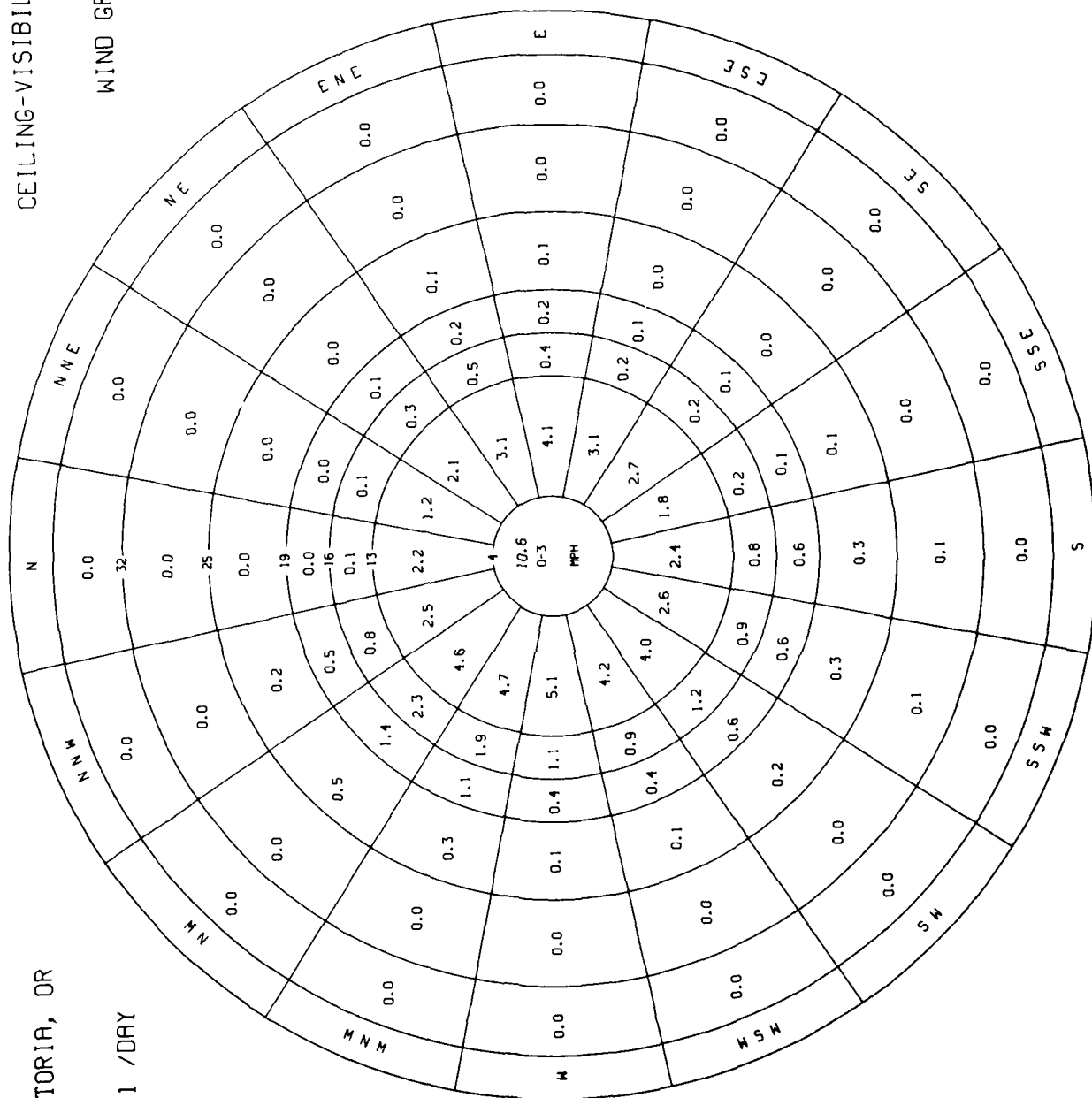
PIH POCATELLO, ID

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AST ASTORIA, OR

PERIOD: 1954-1978

CLASS 1 / DAY

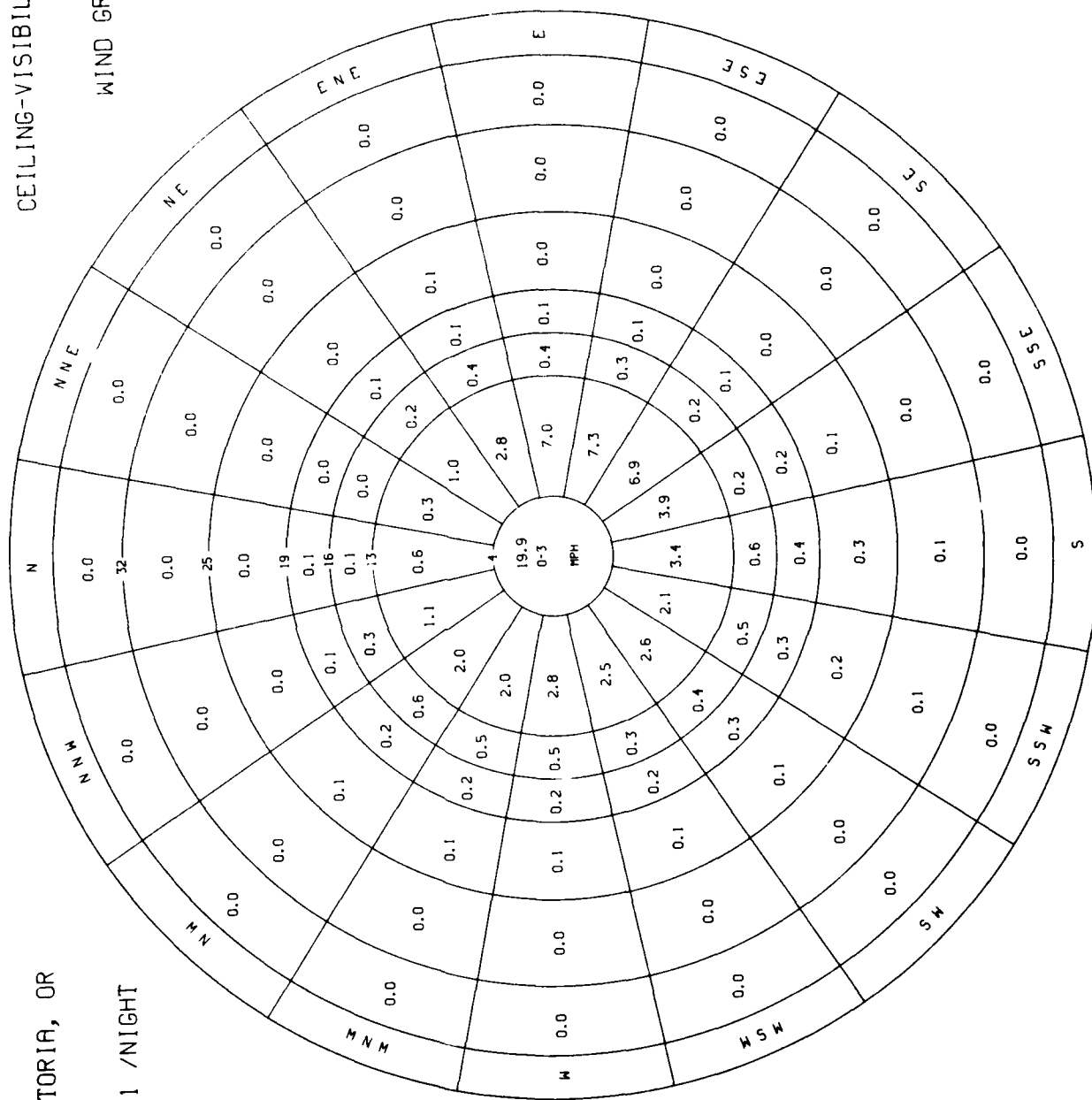
STATION NUMBER: 94224

NO. OBS.: 32540

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.4	.5	2.2	2.7	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.9	3.5	7.2
NNE	.2	.3	1.2	1.5	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.0	7.6
NE	.5	.6	2.1	2.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.6	8.2
ENE	.4	.5	3.1	3.8	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.3	5.3	8.9
E	.9	1.1	4.1	5.0	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.7	6.9	7.8
ESE	.9	1.1	3.1	3.8	.2	.3	.1	.2	.0	.1	.0	.0	.0	.0	4.5	5.4	7.0
SE	1.1	1.3	2.7	3.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.0	4.9	6.4
SSE	.4	.4	1.8	2.2	.2	.3	.1	.1	.1	.1	.0	.0	.0	.0	2.6	3.1	8.1
S	.4	.5	2.4	2.9	.8	1.0	.6	.7	.3	.4	.1	.1	.0	.0	4.6	5.6	11.2
SSW	.3	.3	2.6	3.2	.9	1.1	.6	.8	.3	.4	.1	.1	.0	.0	4.8	5.8	11.4
SW	.4	.4	4.0	4.8	1.2	1.5	.6	.8	.2	.3	.0	.0	.0	.0	6.4	7.8	10.6
WSW	.4	.5	4.2	5.1	.9	1.1	.4	.5	.1	.1	.0	.0	.0	.0	6.0	7.3	9.8
W	.4	.5	5.1	6.2	1.1	1.4	.4	.5	.1	.1	.0	.0	.0	.0	7.2	8.8	9.8
WNW	.3	.4	4.7	5.7	1.9	2.3	1.1	1.4	.3	.4	.0	.0	.0	.0	8.3	10.1	11.4
NW	.3	.4	4.6	5.6	2.3	2.8	1.4	1.7	.5	.6	.0	.0	.0	.0	9.1	11.0	11.9
NNW	.2	.3	2.5	3.0	.8	1.0	.5	.7	.2	.3	.0	.0	.0	.0	4.3	5.2	10.9
CALM	3.0	3.6													3.0	3.6	
TOTAL	10.6	12.9	50.4	61.2	12.1	14.7	6.5	8.0	2.4	2.9	.3	.4	.0	.0	82.3	100	9.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AST ASTORIA, OR

PERIOD: 1954-1978

CLASS 1 / NIGHT

STATION NUMBER: 94224

NO. OBS.: 26184

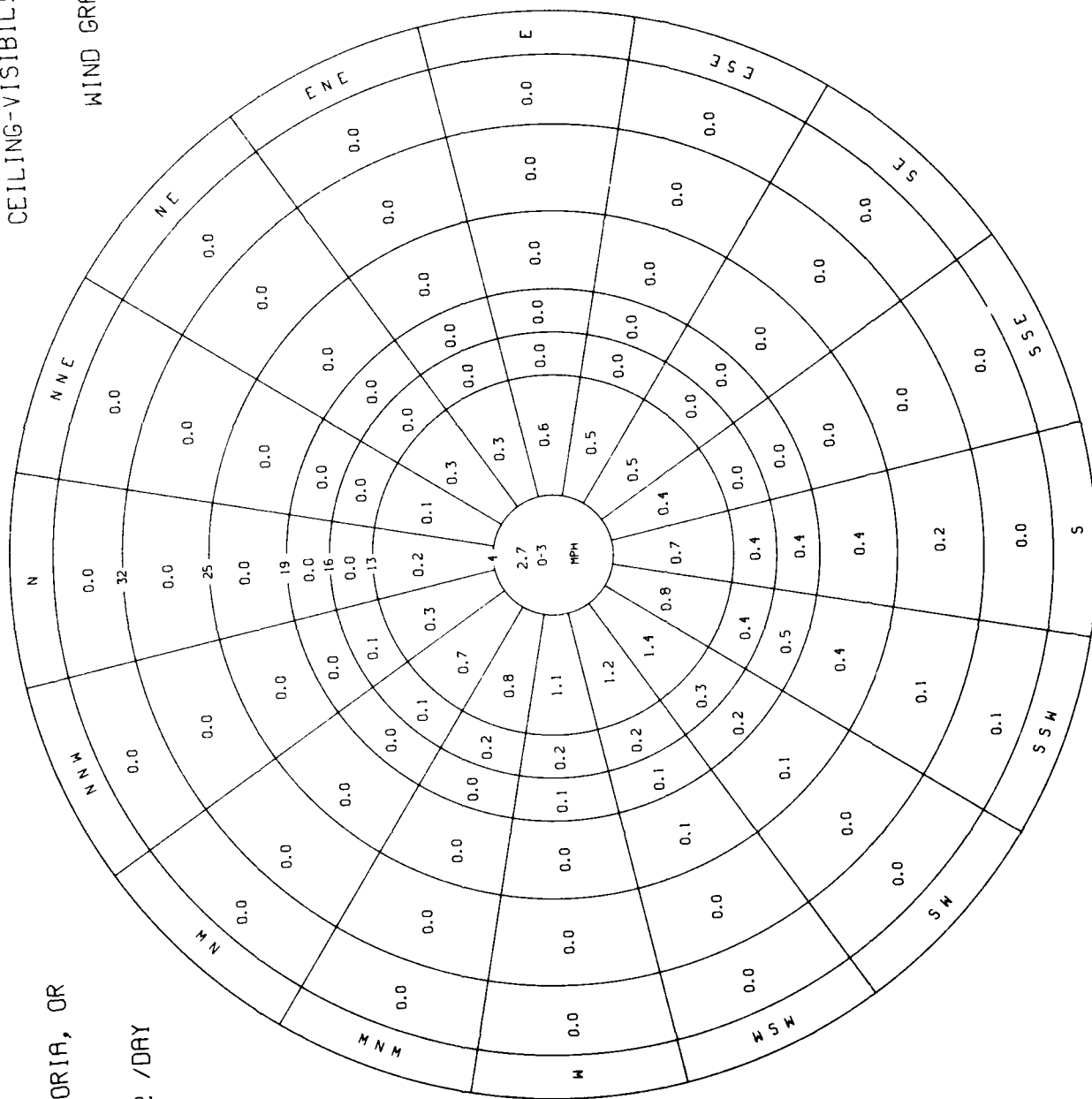
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.1	.6	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.9 1.2 8.7
NNE	.1	.1	.3	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 .6 7.6
NE	.2	.2	1.0	1.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.5 1.9 8.7
ENE	.5	.6	2.8	3.6	.4	.5	.1	.2	.1	.1	.0	.0	.0	.0	3.9 5.0 8.4
E	1.7	2.1	7.0	8.9	.4	.6	.1	.2	.0	.0	.0	.0	.0	.0	9.3 11.9 6.9
ESE	2.1	2.7	7.3	9.4	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	9.9 12.6 6.1
SE	3.1	4.0	6.9	8.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	10.2 13.0 5.5
SSE	1.1	1.4	3.9	5.0	.2	.3	.2	.2	.1	.1	.0	.0	.0	.0	5.5 7.0 6.9
S	1.1	1.3	3.4	4.3	.6	.7	.4	.5	.3	.3	.1	.2	.0	.0	5.8 7.5 9.2
SSW	.6	.7	2.1	2.6	.5	.6	.3	.4	.2	.3	.1	.1	.0	.0	3.7 4.8 9.7
SW	.8	1.1	2.6	3.3	.4	.5	.3	.4	.1	.2	.0	.0	.0	.0	4.3 5.5 8.3
WSW	.5	.7	2.5	3.1	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.6 4.6 8.3
W	.6	.8	2.8	3.6	.5	.6	.2	.3	.1	.1	.0	.1	.0	.0	4.3 5.5 8.6
WNW	.3	.3	2.0	2.6	.5	.6	.2	.3	.1	.2	.0	.0	.0	.0	3.2 4.0 9.9
NW	.2	.2	2.0	2.6	.6	.8	.2	.2	.1	.1	.0	.0	.0	.0	3.0 3.9 10.3
NNW	.0	.0	1.1	1.4	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.6 2.0 10.5
CALM	7.1	9.1													7.1 9.1
TOTAL	19.9	25.5	48.2	61.7	5.6	7.1	2.7	3.5	1.2	1.6	.4	.5	.1	.1	78.2 100 7.0

CEILING-VISIBILITY

WIND GRAPH

AST ASTORIA, OR

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: AST ASTORIA, OR

CLASS 2 / DAY

NO. OBS.: 7005

STATION NUMBER: 94224

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	.2	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.7	6.1
NNE	.1	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.0	5.4
NE	.1	.4	.3	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.9	6.4
ENE	.1	.6	.3	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.6	6.5
E	.2	.9	.6	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.4	6.1
ESE	.2	1.0	.5	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.7	5.6
SE	.2	1.1	.5	2.8	.0	.3	.0	.0	.0	.2	.0	.0	.0	.0	.6	3.5	8.5
SSE	.1	.5	.4	2.3	.0	.2	.4	2.3	.4	2.4	.2	1.0	.0	.2	2.3	12.8	15.2
S	.1	.6	.7	3.9	.4	2.2	.5	2.7	.4	2.2	.1	.6	.1	.4	2.4	13.3	15.0
SSW	.1	.4	.8	4.5	.4	2.5	.2	1.4	.1	.6	.0	.2	.0	.0	2.2	12.5	11.0
SW	.1	.7	1.4	7.9	.3	1.7	.2	1.4	.1	.3	.0	.0	.0	.0	1.7	9.6	9.7
WSW	.1	.8	1.2	6.6	.2	1.2	.1	.7	.1	.3	.0	.0	.0	.0	1.5	8.6	8.9
W	.1	.7	1.1	6.4	.2	.9	.1	.3	.0	.2	.0	.0	.0	.0	1.2	6.7	9.2
WNW	.1	.6	.8	4.7	.2	.9	.0	.3	.0	.2	.0	.0	.0	.0	1.0	5.5	9.0
NW	.1	.4	.7	4.1	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.5	2.6	9.1
NNW	.0	.2	.3	1.9	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	1.0	5.6	9.8
CALM	1.0	5.6			2.0	11.0	1.5	8.4	1.1	6.3	.3	2.0	.1	.7	17.7	100	
TOTAL	2.7	15.4	10.0	56.2	2.0	11.0	1.5	8.4	1.1	6.3	.3	2.0	.1	.7	17.7	100	

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AST ASTORIA, OR

PERIOD: 1954-1978

CLASS 2 / NIGHT

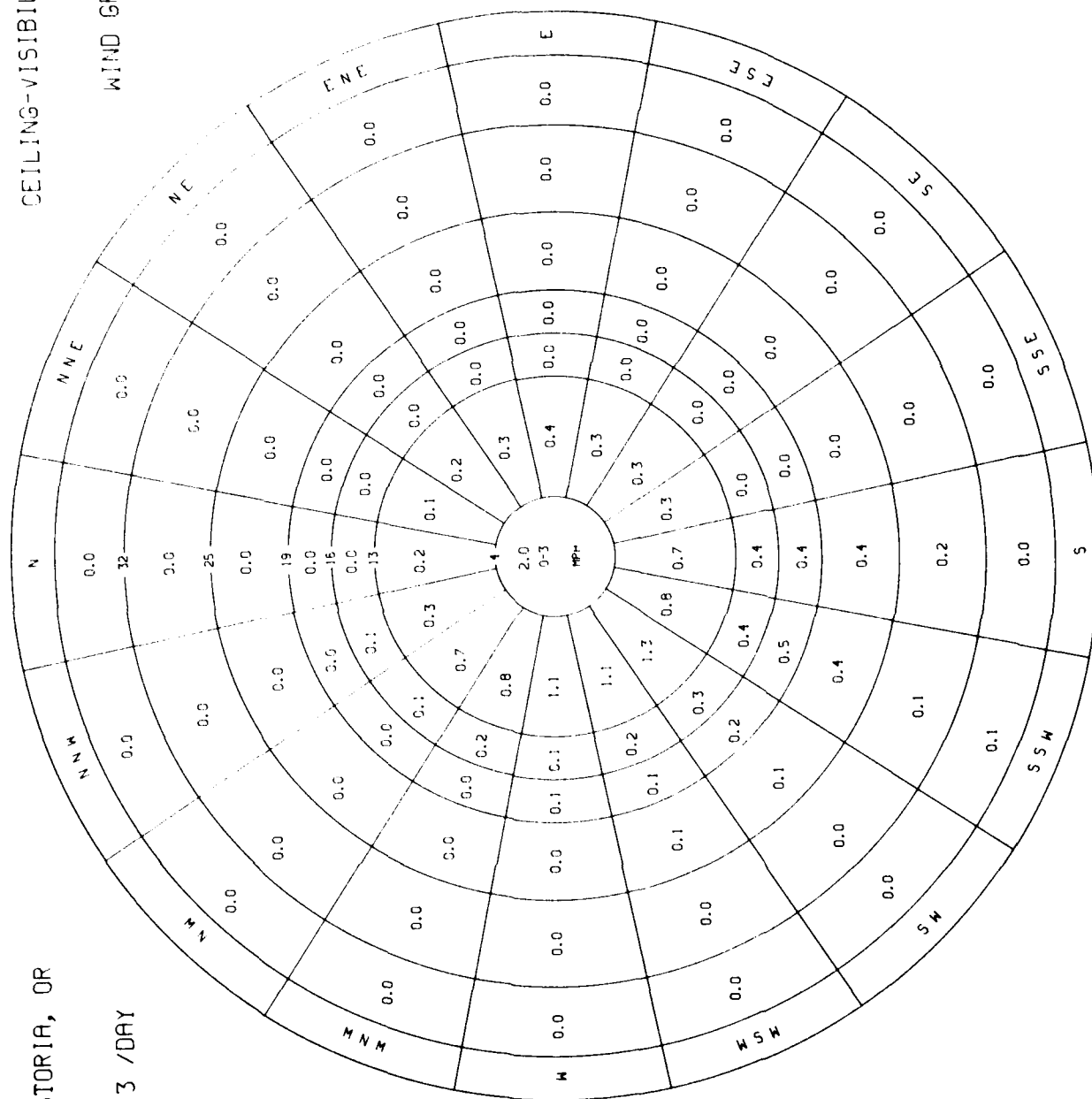
STATION NUMBER: 94224

NO. OBS.: 7313

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.2	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.1 7.6
NNE	.0	.1	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 .6 6.8
NE	.1	.4	.2	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 1.6 6.8
ENE	.2	.7	.4	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 2.8 6.3
E	.4	1.7	.8	3.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.2 5.5 5.5
ESE	.4	1.9	.9	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3 6.1 5.2
SE	.6	2.5	.9	3.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.4 6.6 4.9
SSE	.2	1.0	.7	3.0	.1	.3	.1	.2	.0	.1	.0	.1	.0	.1	1.0 4.8 7.9
S	.3	1.4	1.1	4.8	.4	1.9	.5	2.1	.4	2.0	.2	.9	.0	.2	2.9 13.4 13.4
SSW	.2	.8	1.1	5.1	.4	1.8	.5	2.3	.5	2.1	.1	.7	.0	.2	2.8 12.8 13.8
SW	.3	1.3	1.3	6.2	.2	1.1	.2	1.1	.2	.8	.0	.2	.0	.0	2.3 10.6 9.9
WSW	.2	1.0	1.1	5.3	.1	.7	.1	.4	.0	.2	.0	.1	.0	.0	1.7 7.6 8.2
W	.2	.9	1.0	4.7	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	1.4 6.4 7.5
WNW	.1	.5	.8	3.7	.1	.5	.0	.1	.0	.0	.0	.1	.0	.0	1.1 4.9 8.5
NW	.1	.3	.7	3.1	.1	.4	.0	.2	.0	.0	.0	.0	.0	.0	.9 4.0 9.0
NNW	.0	.2	.3	1.4	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4 2.0 9.9
CALM	2.0	9.3													2.0 9.3
TOTAL	5.3	24.3	11.5	52.9	1.8	8.2	1.5	6.9	1.2	5.3	.4	2.0	.1	.5	21.8 100 8.4

CEILING-VISIBILITY WIND GRAPH

AST ASTORIA, OR
CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AST ASTORIA, OR

PERIOD: 1954-1978

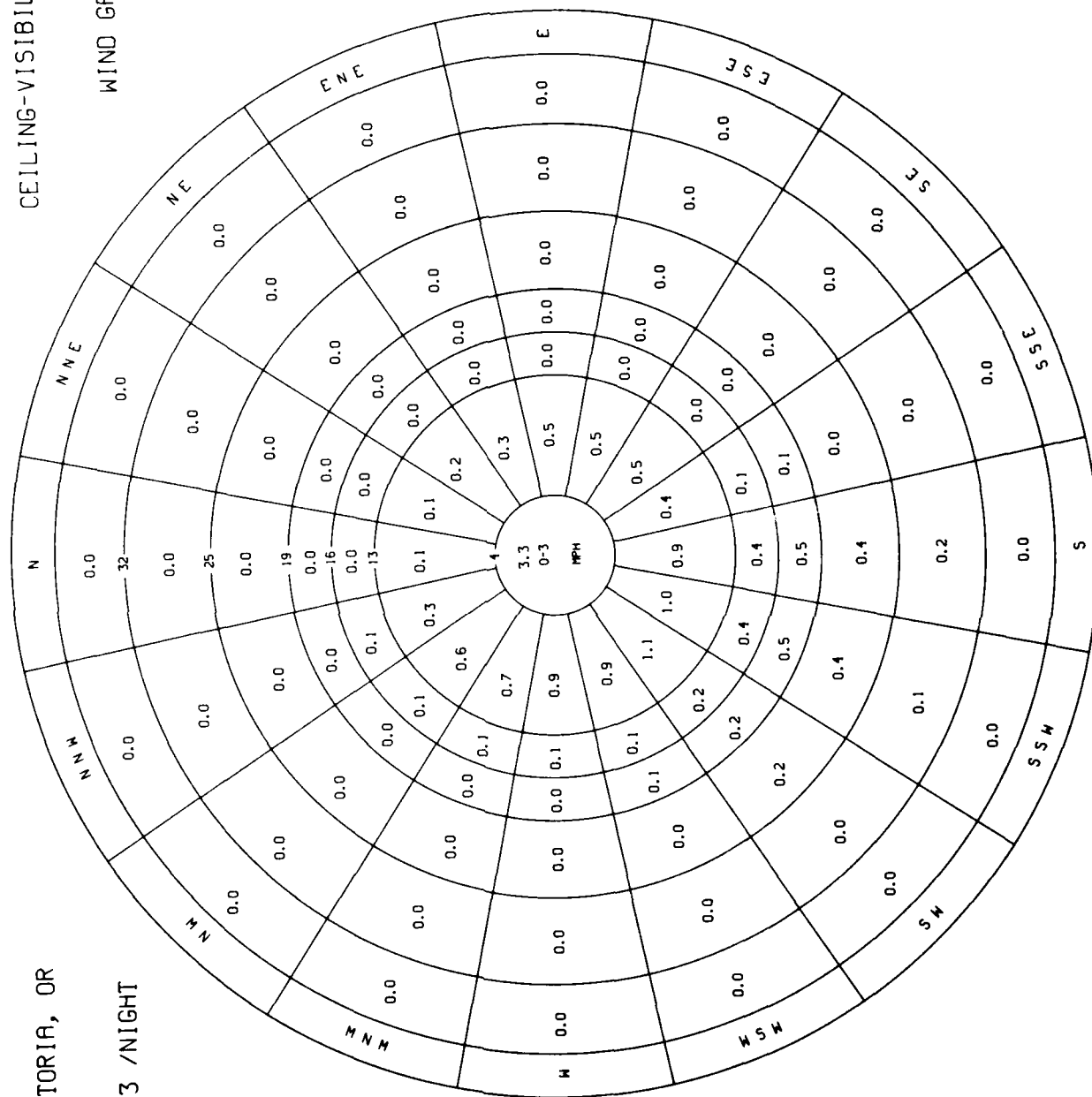
CLASS 3 / DAY

STATION NUMBER: 94224

NO. OBS.: 6126

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.3	.2	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6	6.4
NNE	.1	.3	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	5.1
NE	.1	.3	.2	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.7	6.7
ENE	.1	.4	.3	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.3	6.9
E	.1	.7	.4	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.5	6.5
ESE	.1	.6	.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.5	6.2
SE	.1	.8	.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.8	5.7
SSE	.1	.5	.3	1.9	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.5	3.2	9.2
S	.1	.6	.7	4.2	.4	2.4	.4	2.7	.4	2.8	.2	1.1	.0	.3	.0	2.2	14.1	15.4
SSW	.1	.4	.8	4.9	.4	2.7	.5	3.0	.4	2.5	.1	.7	.0	.3	.0	2.0	13.1	11.1
SW	.1	.7	1.3	8.1	.3	1.9	.2	1.5	.1	.7	.0	.3	.0	.0	.0	1.5	10.0	9.7
WSW	.1	.8	1.1	6.9	.2	1.3	.1	.7	.1	.3	.0	.0	.0	.0	.0	1.4	9.3	9.0
W	.1	.8	1.1	6.9	.1	1.0	.1	.4	.0	.2	.0	.0	.0	.0	.0	1.1	7.2	9.2
WNW	.1	.7	.8	5.1	.2	1.0	.0	.3	.0	.2	.0	.0	.0	.0	.0	.9	6.0	9.1
NW	.1	.4	.7	4.5	.1	.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	2.8	9.3
NNW	.0	.2	.3	2.1	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.6	4.2	
CALM	.6	4.2																
TOTAL	2.0	12.6	8.7	56.0	1.9	12.2	1.4	9.2	1.1	7.1	.3	2.2	.1	.8	15.5	100	10.4	

CEILING-VISIBILITY
WIND GRAPH



AST ASTORIA, OR
CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: AST ASTORIA, OR

CLASS 3 / NIGHT

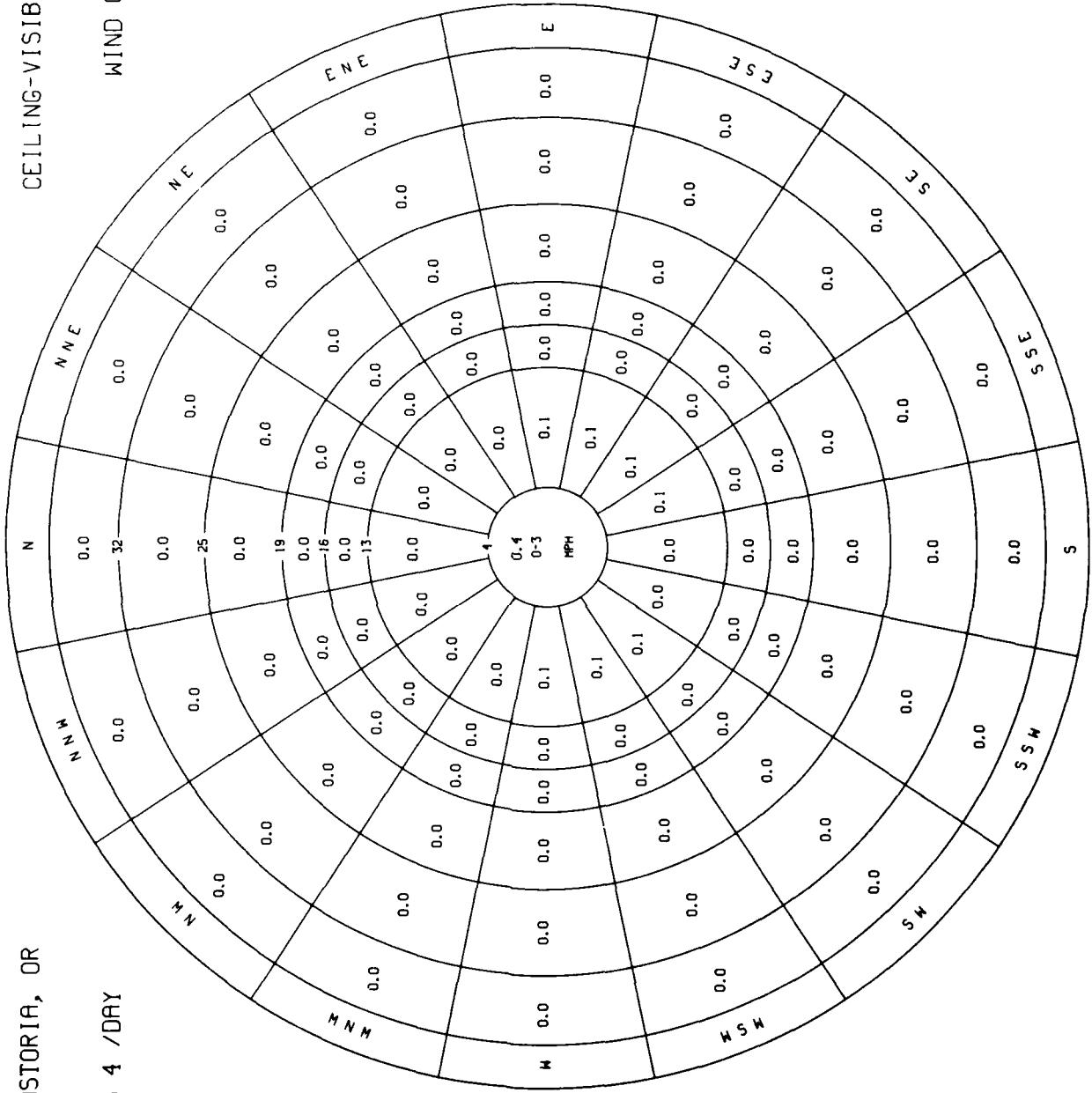
NO. OBS.: 5770

STATION NUMBER: 94224

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.2	.1	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.2	8.0
NNE	.0	.1	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	7.1
NE	.0	.2	.2	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	1.5	7.6
ENE	.1	.6	.3	1.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.6	6.8
E	.2	1.2	.5	3.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	4.4	5.9
ESE	.2	1.3	.5	3.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.8	4.5	5.6
SE	.4	2.0	.5	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.2	5.1
SSE	.1	.8	.4	2.6	.1	.4	.1	.3	.0	.2	.0	.1	.0	.1	.0	.8	4.4	8.9
S	.2	1.3	.9	5.3	.4	2.3	.5	2.7	.4	2.5	.2	1.2	.0	.2	2.7	15.5	14.1	
SSW	.1	.7	1.0	5.6	.4	2.2	.5	2.7	.4	2.6	.1	.8	.0	.2	2.6	14.8	14.3	
SW	.2	1.2	1.1	6.4	.2	1.2	.2	1.3	.2	1.0	.0	.2	.0	.0	2.0	11.3	10.4	
WSW	.2	1.1	.9	5.2	.1	.7	.1	.5	.0	.2	.0	.1	.0	.0	1.4	7.9	8.5	
W	.2	.9	.9	5.0	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	1.2	6.8	7.7	
WNW	.1	.5	.7	4.0	.1	.6	.0	.1	.0	.0	.0	.1	.0	.0	.9	5.4	8.6	
NW	.0	.3	.6	3.6	.1	.5	.0	.2	.0	.0	.0	.0	.0	.0	.8	4.7	9.3	
NNW	.0	.2	.3	1.7	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.4	10.1	
CALM	1.2	6.7													1.2	6.7		
TOTAL	3.3	19.4	9.1	52.6	1.7	9.9	1.4	8.4	1.1	6.6	.4	2.5	.1	.5	17.2	100	9.4	

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AST ASTORIA, OR

PERIOD: 1954-1978

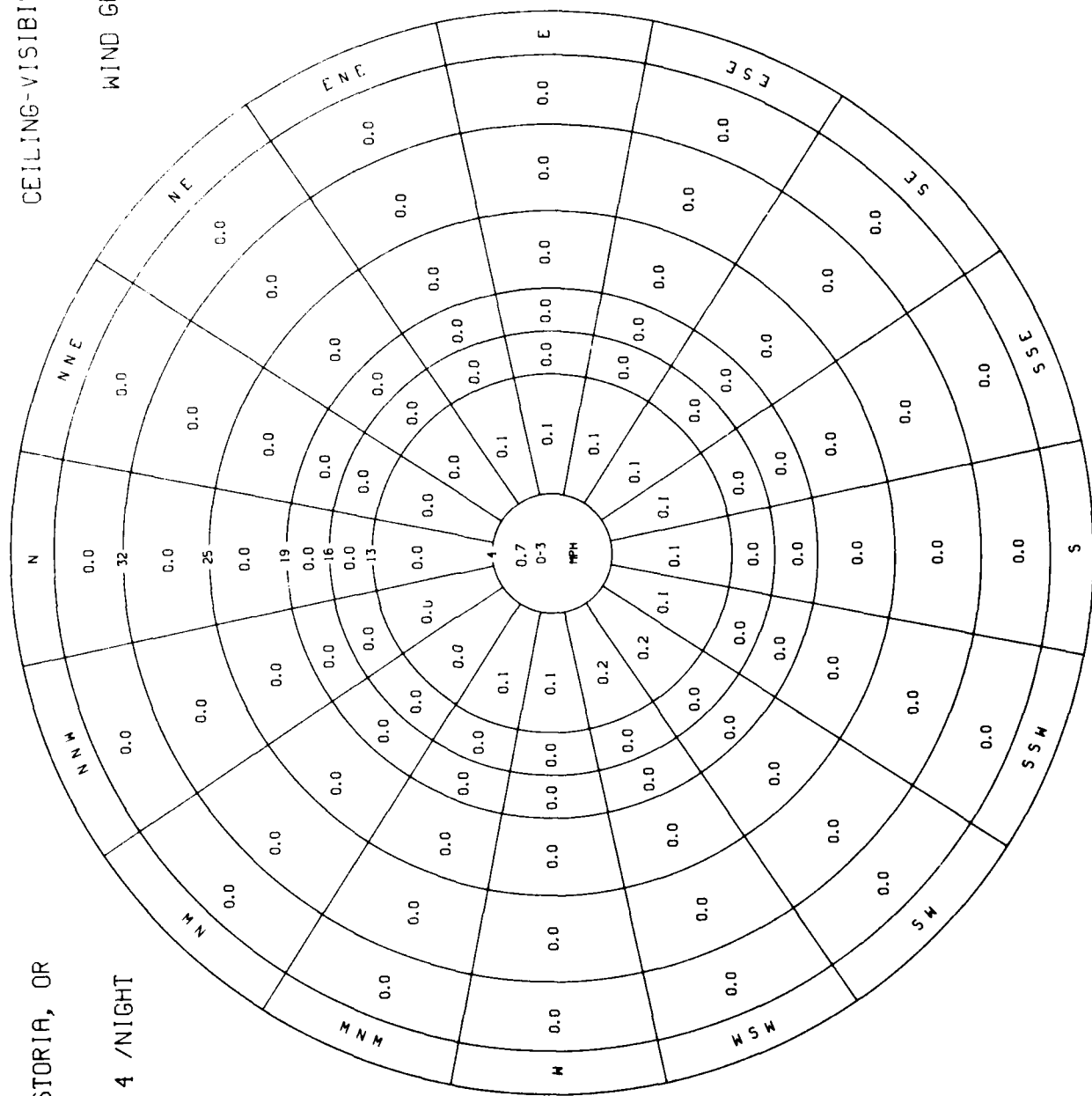
CLASS 4 / DAY

STATION NUMBER: 94224

NO. OBS.: 507

O I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	1.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.6
NNE	.0	.2	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.1
NE	.0	1.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.1
ENE	.0	1.6	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	5.1
E	.0	2.0	.1	7.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	9.3	5.6
ESE	.0	2.4	.1	5.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.1	5.1
SE	.0	2.2	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.7	4.9
SSE	.0	.4	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	5.6
S	.0	.8	.0	2.8	.0	.4	.0	.0	.0	.2	.0	.2	.0	.0	.1	4.3	8.5
SSW	.0	.8	.0	2.4	.0	1.8	.0	1.4	.0	.6	.0	.0	.0	.0	.1	6.9	11.9
SW	.0	1.2	.1	7.1	.0	1.2	.0	1.2	.0	.4	.0	.0	.0	.0	.1	11.0	9.8
WSW	.0	1.4	.1	6.5	.0	1.0	.0	1.2	.0	.4	.0	.0	.0	.0	.1	10.5	9.4
W	.0	.2	.1	4.9	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	5.7	8.1
WNW	.0	.6	.0	2.4	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.7	8.6
NW	.0	1.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.7
NNW	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.5
CALM	.2	12.0													.2	12.0	
TOTAL	.4	29.2	.8	59.2	.1	5.3	.1	4.3	.0	1.8	.0	.2	.0	.0	1.3	100	6.4

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: AST ASTORIA, OR

CLASS 4 / NIGHT

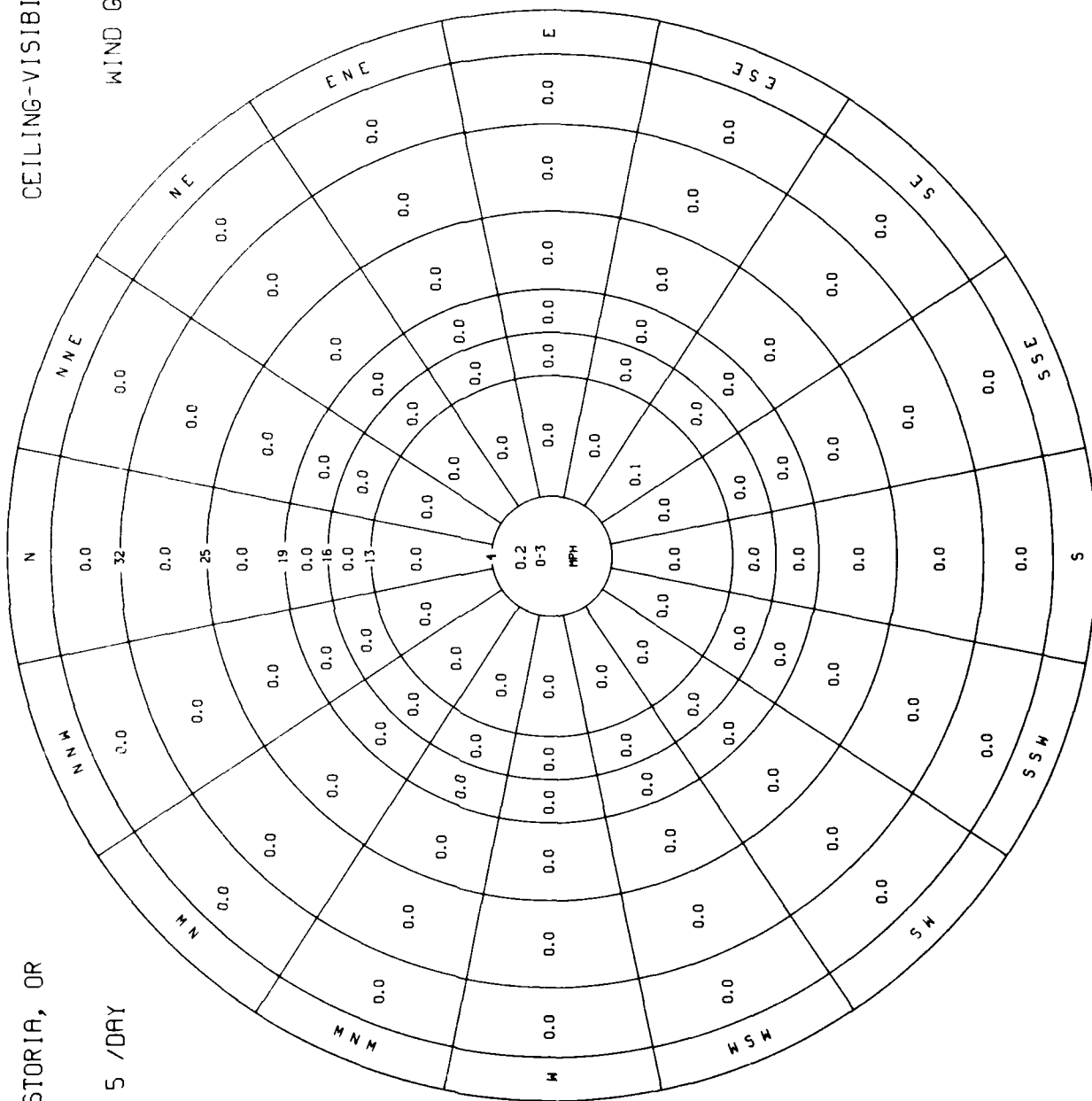
NO. OBS.: 746

STATION NUMBER: 94224

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0
NNE	.0	.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.7
NE	.0	1.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	5.0
ENE	.0	1.1	.1	3.1	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	4.3	5.7
E	.1	2.5	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.6	5.2
ESE	.1	2.7	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.5	4.8
SE	.1	3.1	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.2
SSE	.0	1.2	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.2	7.2
S	.0	2.0	.1	4.2	.0	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	7.8	9.5
SSW	.0	1.2	.1	4.7	.0	.3	.0	.9	.0	.4	.0	.0	.0	.0	.0	.3	11.3	7.9
SW	.0	1.5	.2	8.2	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.2	10.1	7.0
WSW	.0	.9	.2	8.3	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	6.6	6.7
W	.0	.8	.1	5.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	7.8
WNW	.0	.9	.1	3.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	6.7
NW	.0	.5	.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	7.9
NNW	.0	.3	.0	.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	12.3	
CALM	.3	12.3			.1	3.1	.1	2.3	.0	.7	.0	.0	.0	.1	2.2	100		5.7
TOTAL	.7	32.4	1.4	61.1														

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: AST ASTORIA, OR

PERIOD: 1954-1978

CLASS 5 / DAY

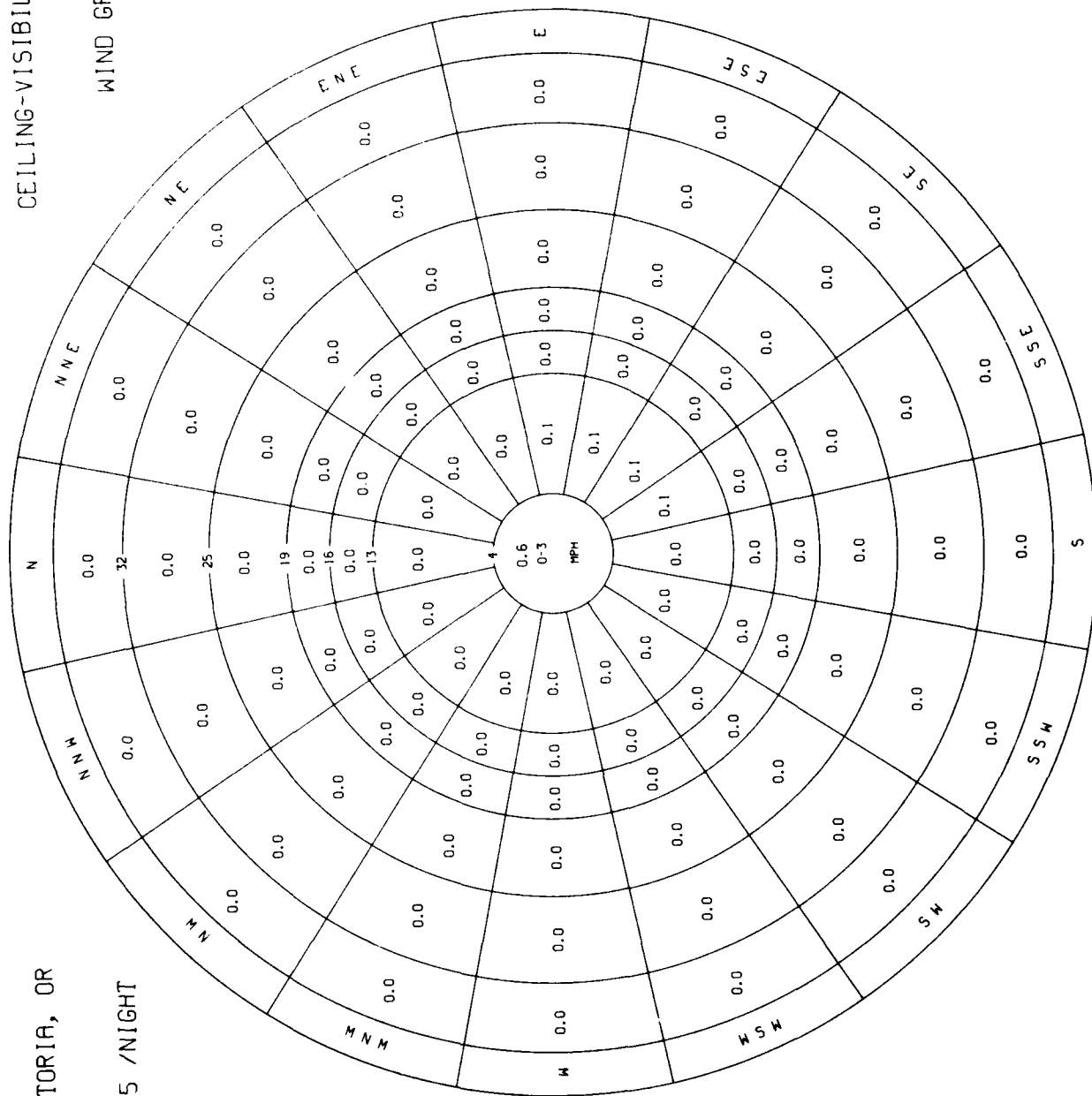
STATION NUMBER: 94224

NO. OBS.: 217

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.9	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
ENE	.0	1.8	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1
E	.0	2.8	.0	8.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
ESE	.0	5.1	.0	8.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
SE	.0	5.1	.1	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
SSE	.0	.9	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9
S	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
SSW	.0	.0	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	7.2
SW	.0	.9	.0	6.9	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	8.7
WSW	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
W	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
WNW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
NW	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
NNW	.0	.5	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
CALM	.1	20.3													1 20.3
TOTAL	.2	41.9	.3	56.7	.0	.5	.0	.5	.0	.5	.0	.0	.0	.0	4.4

CEILING-VISIBILITY

WIND GRAPH



AST ASTORIA, OR

CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: AST ASTORIA, OR

CLASS 5 / NIGHT

NO. OBS.: 395

STATION NUMBER: 94224

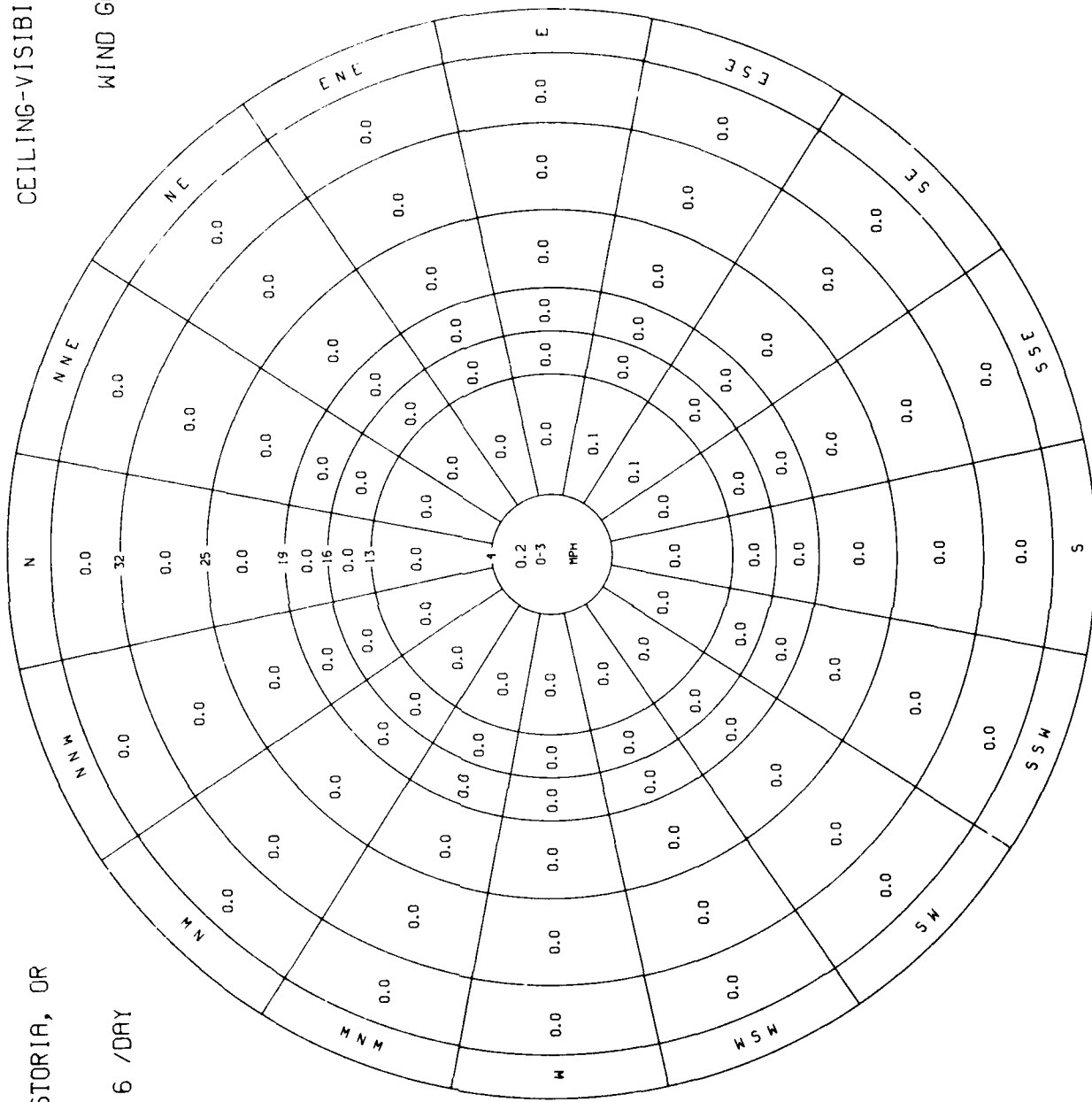
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.3
NNE	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.5
NE	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.8
ENE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.2
E	.1	4.6	.1	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.9	4.4
ESE	.1	4.6	.1	10.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	15.2	4.8
SE	.1	6.3	.1	9.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	15.4	4.3
SSE	.0	2.0	.1	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	5.1
S	.0	1.0	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.0
SSW	.0	1.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	6.4
SW	.0	.8	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.6
WSW	.0	.8	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.8
W	.0	2.3	.0	2.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	5.6
WNW	.0	.5	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	6.0
NW	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.8
NNW	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0
CALM	.3	23.0													.3	23.0	
TOTAL	.6	49.1	.6	50.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	1.2	100	3.8

CEILING-VISIBILITY

WIND GRAPH

AST ASTORIA, OR

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: AST ASTORIA, OR

CLASS 6 / DAY

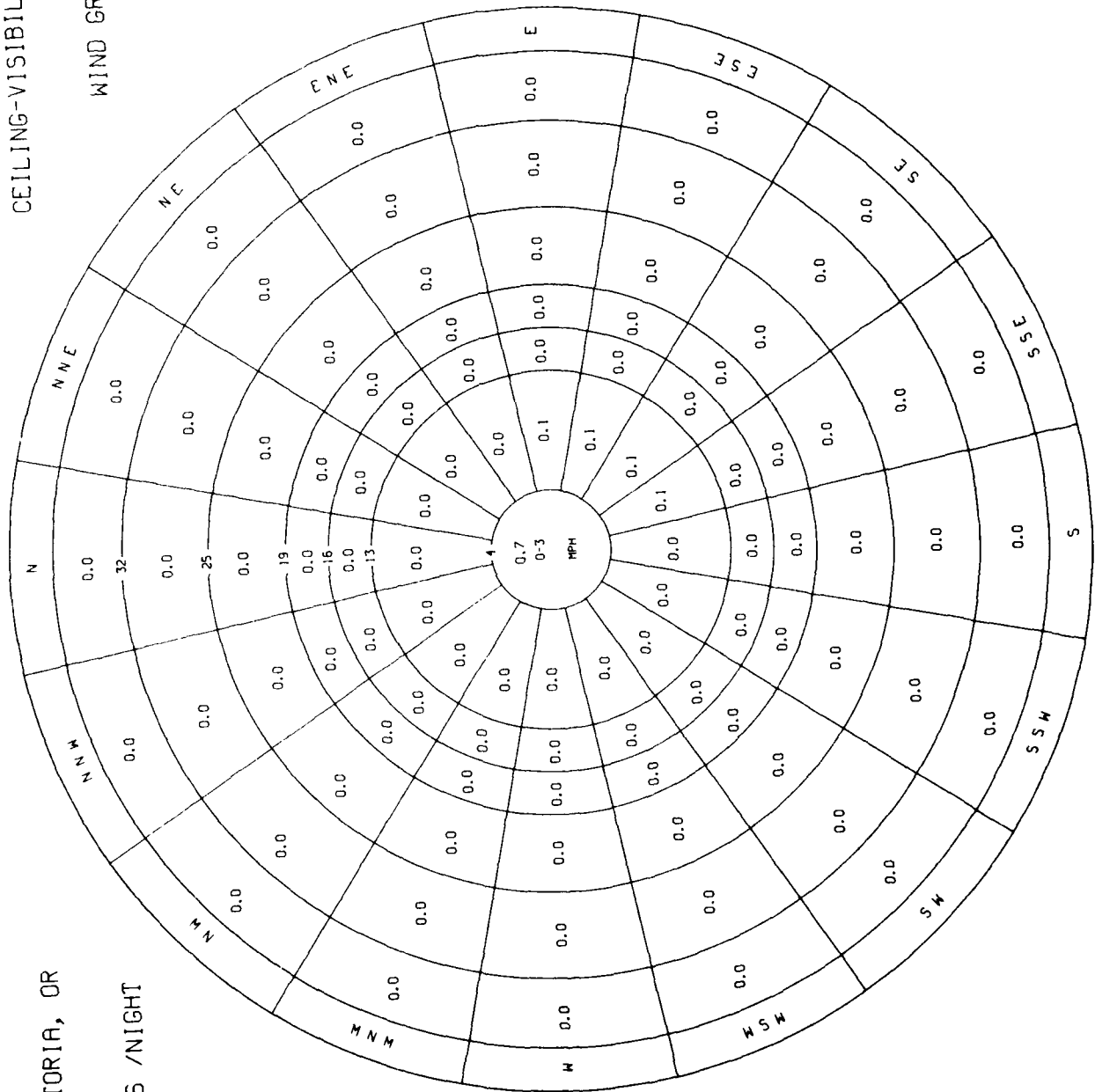
NO. OBS.: 155

STATION NUMBER: 94224

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED				
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL			
																A	B	C	D
N	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0			
NNE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0			
NE	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0			
ENE	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.5			
E	.0	4.5	.0	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	14.2	5.1			
ESE	.0	9.7	.1	13.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23.2	4.6			
SE	.0	5.2	.1	18.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	23.9	5.4			
SSE	.0	1.3	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.1	5.6			
S	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0			
SSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
SW	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	6.0			
WSW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0			
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
WNW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	6.0			
NW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.5			
NNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0			
CALM	.1	20.6												.1	20.6				
TOTAL	.2	44.5	.2	55.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	100	4.0			

CEILING-VISIBILITY

WIND GRAPH



AST ASTORIA, OR

CLASS 6 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1954-1978

STATION NAME: AST ASTORIA, OR

CLASS 6 / NIGHT

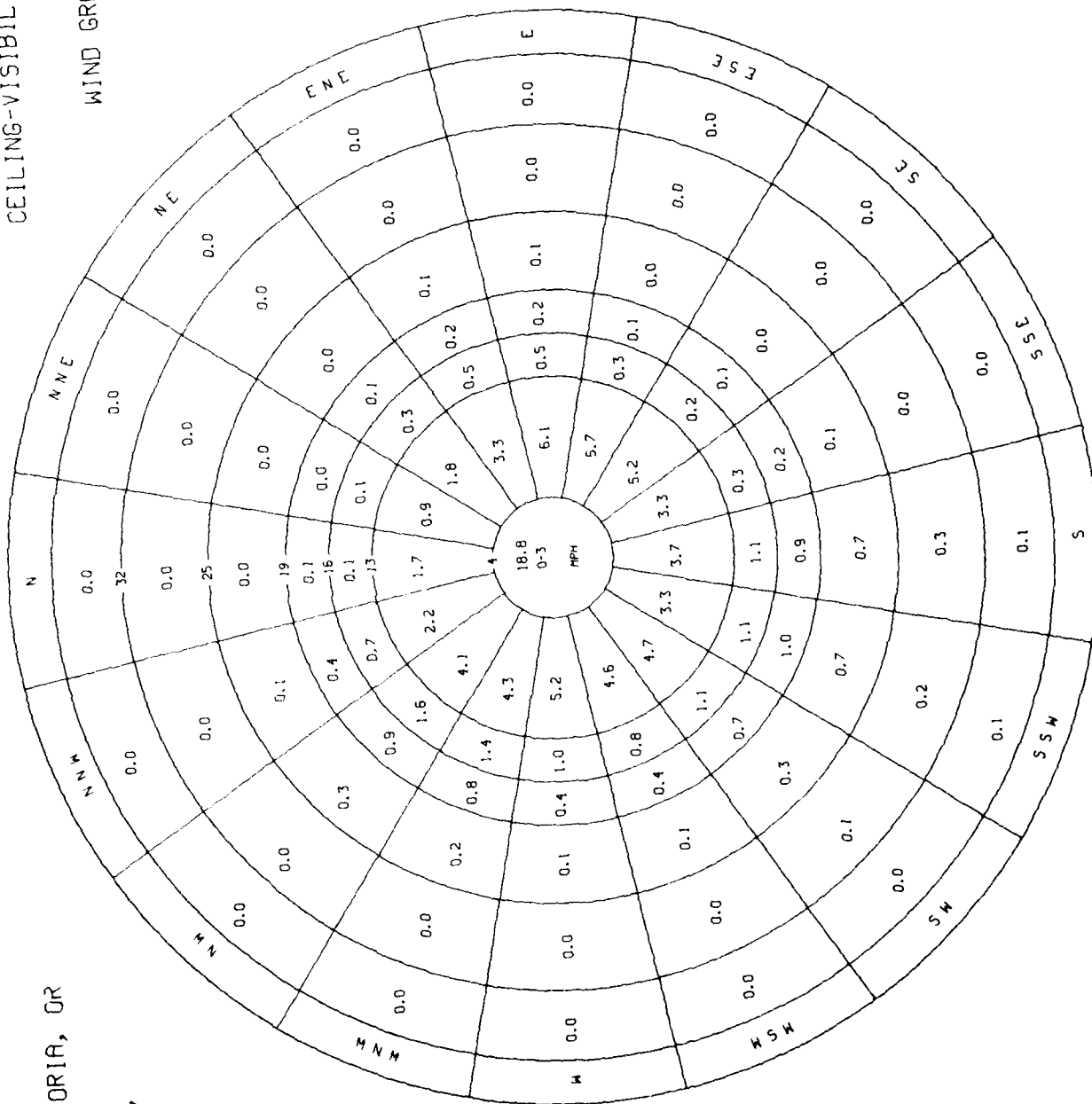
NO. OBS.: 402

STATION NUMBER: 94224

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
ENE	.0	2.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0
E	.1	4.5	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.4
ESE	.1	6.7	.1	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.4
SE	.1	4.7	.1	10.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.7
SSE	.0	2.0	.1	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
S	.0	2.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
SSW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SW	.0	2.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
WSW	.0	.5	.0	1.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5
W	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
WNW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NNW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
CALM	.3	27.1													27.1
TOTAL	.7	55.5	.5	44.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	1.2
															100
															3.4

CEILING-VISIBILITY WIND GRAPH

AST ASTORIA, OR
CLASS 7



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 1 / DAY

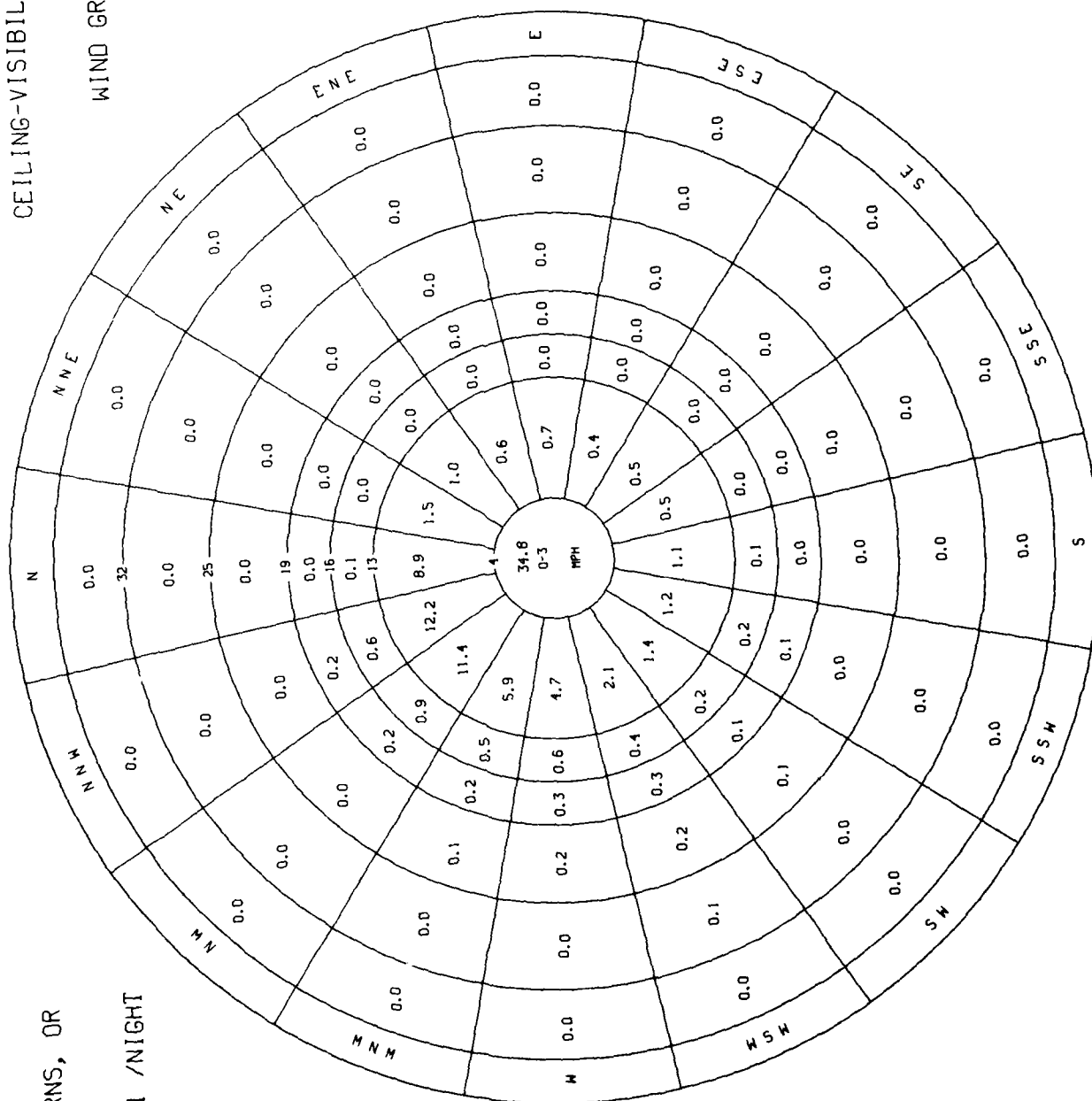
STATION NUMBER: 24134

NO. OBS.: 39301

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	2.6	2.7	6.0	6.3	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	9.4 9.8
NNE	1.1	1.1	1.5	1.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.8 2.9
NE	1.6	1.7	1.5	1.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2 3.3
ENE	1.1	1.1	1.7	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0 3.1
E	1.8	1.8	4.0	4.2	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	6.1 6.3
ESE	1.2	1.2	3.4	3.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.7 4.9
SE	1.8	1.9	3.6	3.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.4 5.6
SSE	1.1	1.1	2.4	2.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6 3.7
S	1.5	1.6	3.1	3.2	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.0 5.2
SSW	.7	.7	1.9	2.0	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	3.2 3.3
SW	.8	.8	2.4	2.5	.5	.5	.3	.3	.2	.2	.1	.1	.0	.0	4.2 4.4
WSW	.7	.7	3.8	3.9	1.0	1.0	.7	.7	.4	.4	.1	.1	.0	.0	6.6 6.9
W	.9	.9	5.2	5.4	1.3	1.3	.8	.9	.3	.3	.1	.1	.0	.0	8.5 8.9
WNW	.5	.5	3.7	3.8	.8	.9	.4	.5	.2	.2	.0	.0	.0	.0	5.6 5.9
NW	1.0	1.1	5.4	5.6	.9	.9	.3	.4	.1	.1	.0	.0	.0	.0	7.8 8.1
NNW	1.6	1.7	6.8	7.1	1.0	1.0	.5	.5	.1	.2	.0	.0	.0	.0	10.0 10.4
CALM	6.9	7.2													6.9 7.2
TOTAL	26.8	27.9	56.3	58.7	7.2	7.5	3.7	3.9	1.6	1.6	.3	.3	.0	.1	96.0 100
															7.2

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 1 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1972

STATION NAME: BNO BURNS, OR

CLASS 1 / NIGHT

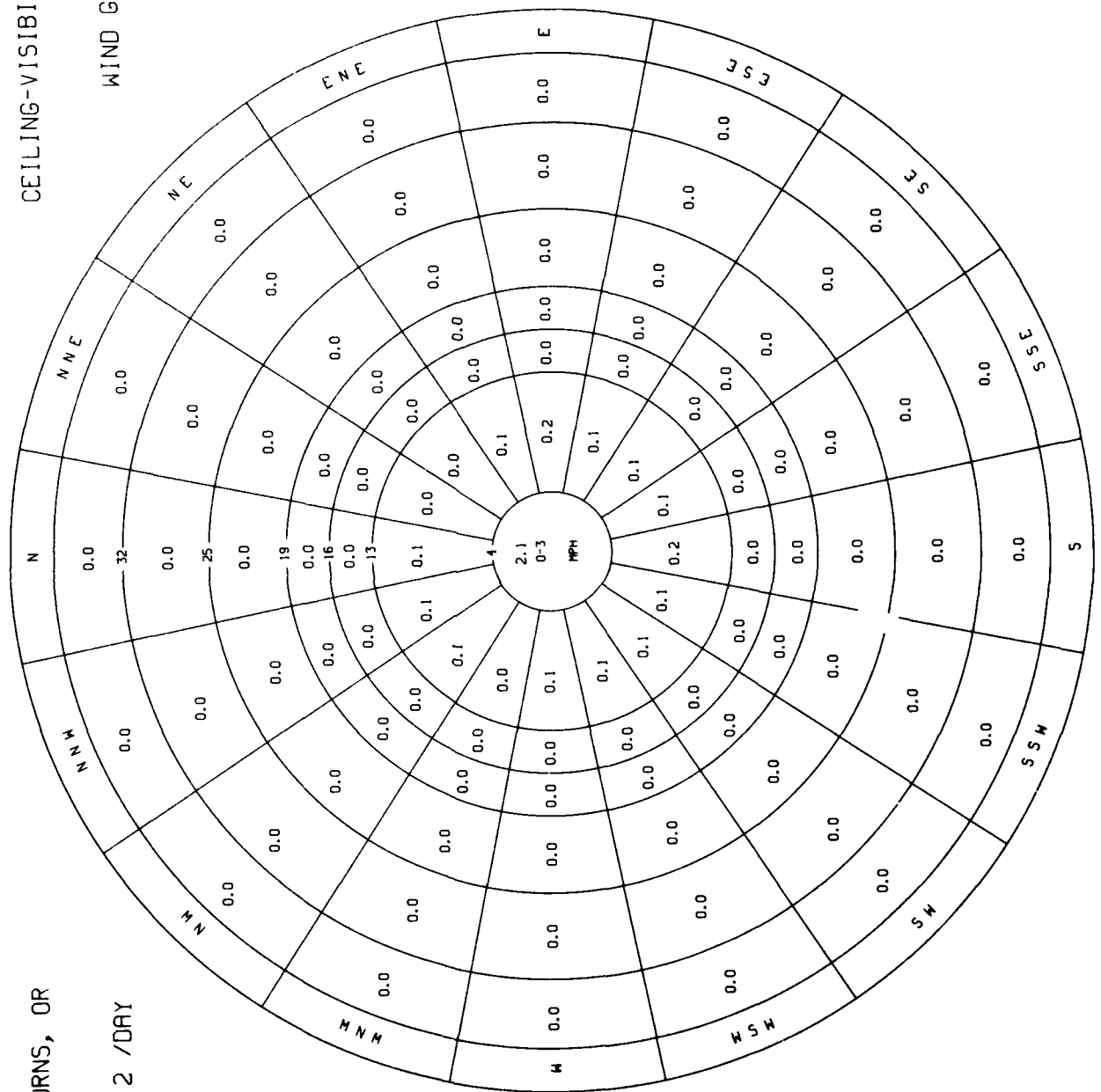
NO. OBS.: 27730

STATION NUMBER: 24134

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	5.3	5.6	8.9	9.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.4	15.1	5.2			
NNE	1.5	1.6	1.5	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.2	4.5			
NE	1.3	1.4	1.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.4	4.1			
ENE	.6	.7	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.3	4.8			
E	.8	.8	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.6	4.7			
ESE	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	4.8			
SE	.6	.6	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	4.4			
SSE	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	5.1			
S	.8	.8	1.1	1.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.1	6.0			
SSW	.6	.6	1.2	1.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.0	2.1	7.2			
SW	1.0	1.0	1.4	1.5	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.9	3.0	7.0			
WSW	1.0	1.0	2.1	2.3	.4	.5	.3	.3	.2	.2	.2	.1	.1	.0	.0	.0	4.1	4.4	8.9			
W	1.6	1.6	4.7	4.9	.6	.7	.3	.3	.2	.2	.2	.0	.0	.0	.0	.0	7.4	7.8	8.0			
WNW	1.2	1.2	5.9	6.2	.5	.5	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	7.9	8.3	7.9			
NW	2.1	2.3	11.4	12.0	.9	.9	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	14.7	15.5	7.7			
NNW	4.6	4.8	12.2	12.9	.6	.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	17.6	18.5	6.3			
CALM	11.2	11.8															11.2	11.8				
TOTAL	34.8	36.7	54.2	57.0	3.7	3.9	1.5	1.6	.6	.6	.1	.1	.0	.0	.0	.0	95.0	100	5.8			

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 2 / DAY

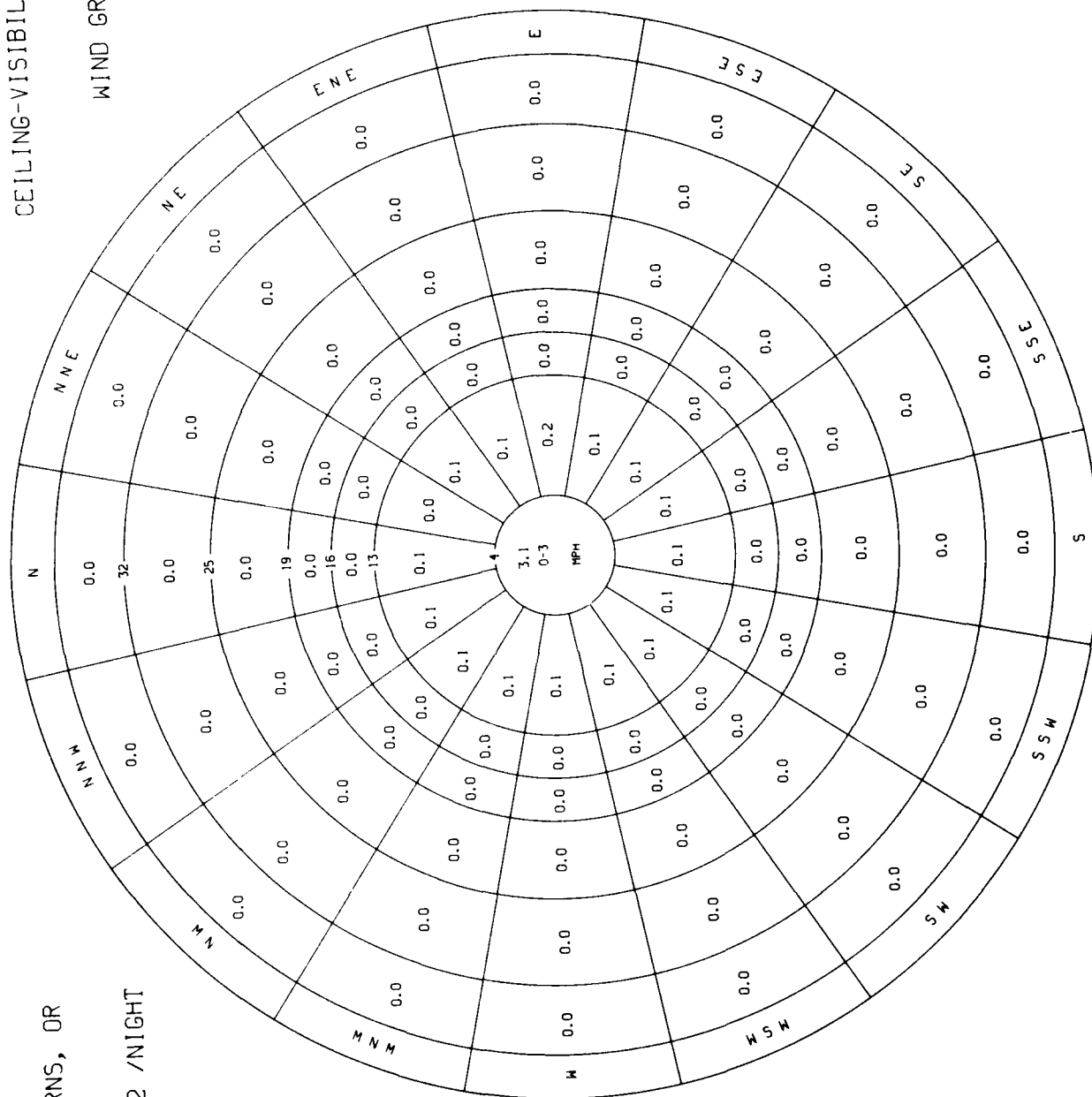
STATION NUMBER: 24134

NO. OBS.: 1631

O I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	2.6	.1	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	5.2	4.4
NNE	.1	1.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.0
NE	.1	2.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.8	3.7
ENE	.1	2.1	.1	2.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	4.5	5.4
E	.1	3.5	.2	4.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	8.5	5.4
ESE	.1	2.0	.1	3.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	5.6	5.5
SE	.1	3.0	.1	2.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	6.0	4.5
SSE	.1	2.0	.1	2.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	4.8	5.1
S	.1	2.9	.2	3.9	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	7.3	5.8
SSW	.0	1.2	.1	1.8	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.1	3.6	7.1
SW	.0	1.1	.1	2.6	.0	.2	.0	.3	.0	.1	.0	.1	.0	.1	.0	.2	4.5	8.4
WSW	.0	1.2	.1	2.4	.0	.8	.0	.4	.0	.4	.0	.1	.0	.1	.0	.2	5.3	9.8
W	.1	1.3	.1	1.8	.0	.7	.0	.5	.0	.2	.0	.1	.0	.0	.0	.2	4.5	9.0
WNW	.0	.7	.0	1.2	.0	.4	.0	.5	.0	.1	.0	.0	.0	.0	.0	.1	2.8	9.8
NW	.1	1.6	.1	2.1	.0	.4	.0	.2	.0	.0	.0	.1	.0	.0	.0	.2	4.4	7.1
NNW	.1	1.9	.1	2.1	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	4.6	6.5
CALM	.9	22.5														.9	22.5	
TOTAL	2.1	53.5	1.5	38.2	.2	4.0	.1	2.8	.0	1.2	.0	.2	.0	.1	4.0	100		4.8

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1972

STATION NAME: BNO BUANS. OR

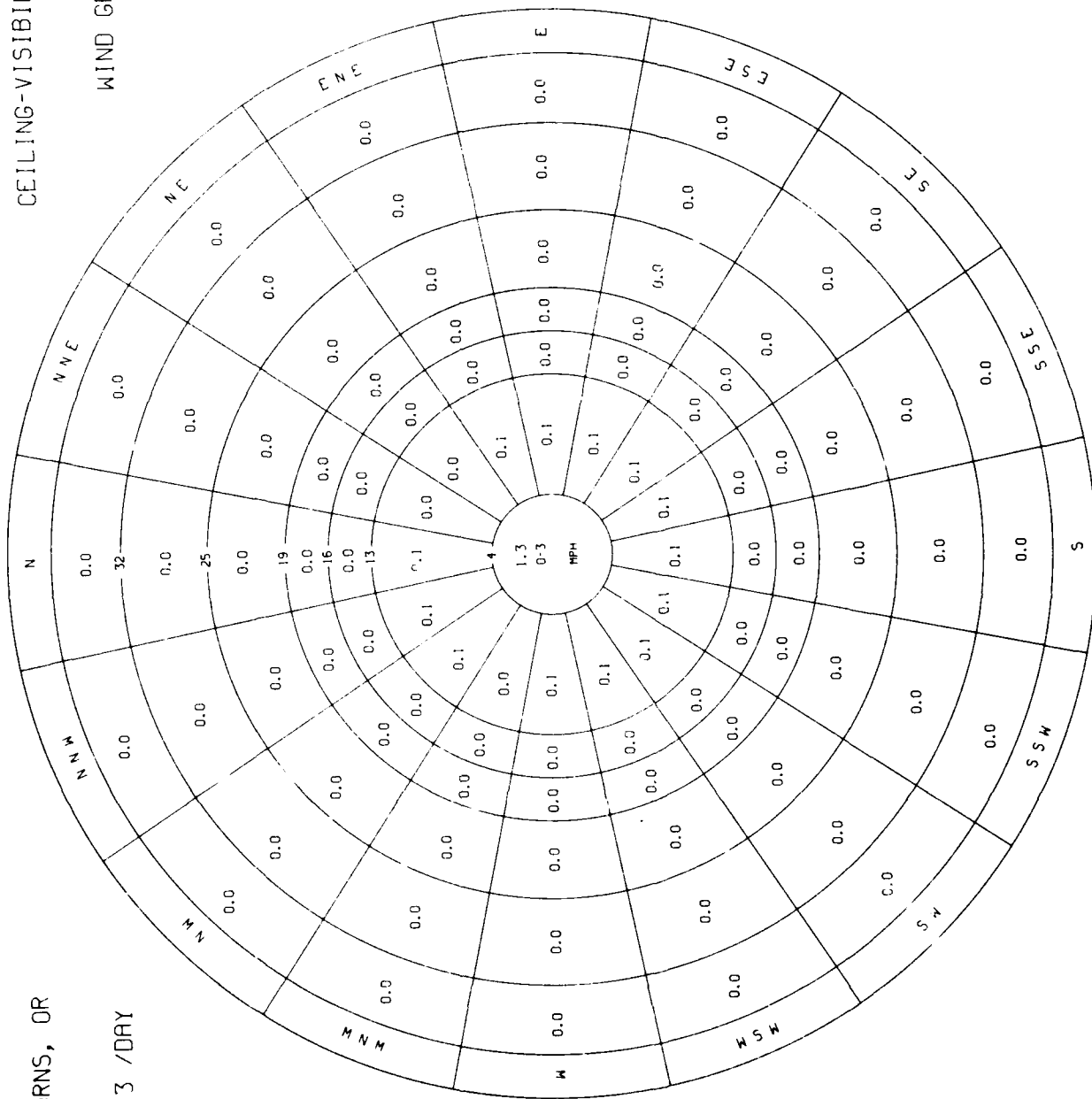
CLASS 2 / NIGHT

NO. OBS.: 1451

STATION NUMBER: 24'34

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	2.8	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.0
NNE	.1	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.7
NE	.1	2.3	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.7
ENE	.1	1.8	.1	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2 3.2
E	.2	3.1	.2	3.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.3 6.7
ESE	.1	1.6	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.7
SE	.1	2.5	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.5
SSE	.1	1.4	.1	2.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 3.3
S	.1	2.8	.1	2.9	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 6.1
SSW	.1	1.8	.1	2.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 4.5
SW	.1	2.1	.1	1.8	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.2 4.3
WSW	.1	1.8	.1	1.7	.0	.7	.0	.8	.0	.3	.0	.0	.0	.0	.3 5.2
W	.1	2.1	.1	2.6	.0	.1	.0	.5	.0	.1	.0	.1	.0	.0	.3 5.6
WNW	.0	.9	.1	1.4	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1 2.8
NW	.1	1.9	.1	1.5	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 3.7
NNW	.1	2.3	.1	2.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2 4.9
CALM	1.5	30.9													1.5 30.9
TOTAL	3.1	63.3	1.5	30.7	.1	3.0	.1	2.1	.0	.8	.0	.1	.0	.0	5.0 100

CEILING-VISIBILITY
WIND GRAPH



BNO BURNS, OR
CLASS 3 /DAY

AD-A108 168

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/6 8/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

JUN 81

DOT-FA79WAI-057

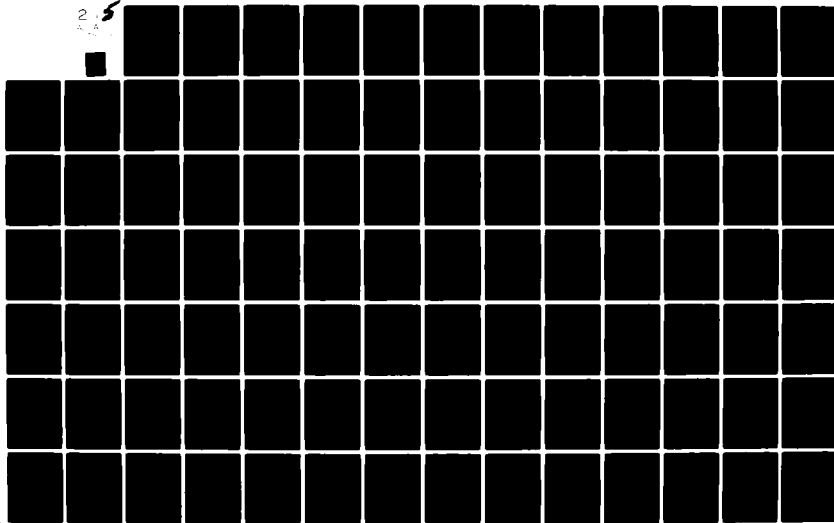
NL

UNCLASSIFIED

2

4

5



A
8168

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 3 / DAY

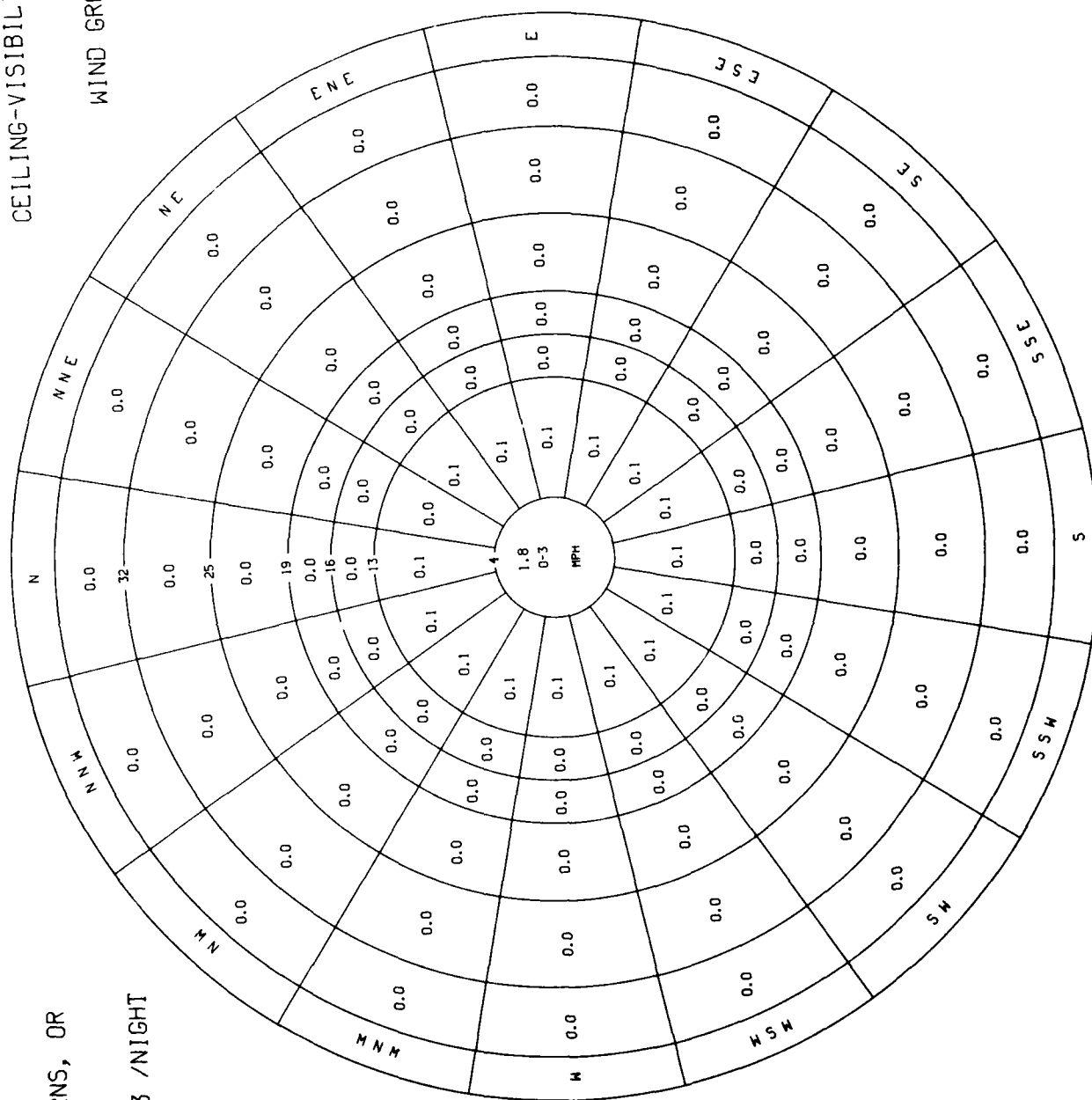
STATION NUMBER: 24134

NO. OBS.: 1070

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	2.3	.1	2.3	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.8	4.3
NNE	.0	1.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	3.9
NE	.1	2.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	4.0
ENE	.1	2.5	.1	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	5.1	5.1
E	.1	3.1	.1	5.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.6	5.9
ESE	.1	2.1	.1	3.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	6.2	5.8
SE	.1	3.0	.1	2.7	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	5.8	4.5
SSE	.0	1.9	.1	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.1
S	.1	3.2	.1	3.8	.0	.3	.0	.3	.0	.1	.0	.0	.0	.0	.2	7.7	6.0
SSW	.0	1.2	.1	2.1	.0	.2	.0	.4	.0	.2	.0	.0	.0	.0	.1	4.0	7.9
SW	.0	.9	.1	3.0	.0	.4	.0	.5	.0	.1	.0	.0	.0	.1	.1	5.0	8.7
WSW	.0	1.5	.1	2.7	.0	1.1	.0	.5	.0	.6	.0	.0	.0	.0	.2	6.4	9.4
W	.0	1.2	.1	2.1	.0	.8	.0	.7	.0	.3	.0	.0	.0	.0	.1	5.1	9.5
WNW	.0	.6	.0	1.6	.0	.5	.0	.7	.0	.1	.0	.0	.0	.0	.1	3.5	10.5
NW	.0	.9	.1	2.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.1	3.6	7.4
NNW	.0	1.4	.1	2.4	.0	.7	.0	.1	.0	.2	.0	.0	.0	.0	.1	4.8	7.8
CALM	.5	19.2													.5	19.2	
TOTAL	1.3	48.7	1.1	41.2	.1	4.9	.1	3.6	.0	1.6	.0	.0	.0	.1	2.6	100	5.3

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 3 / NIGHT

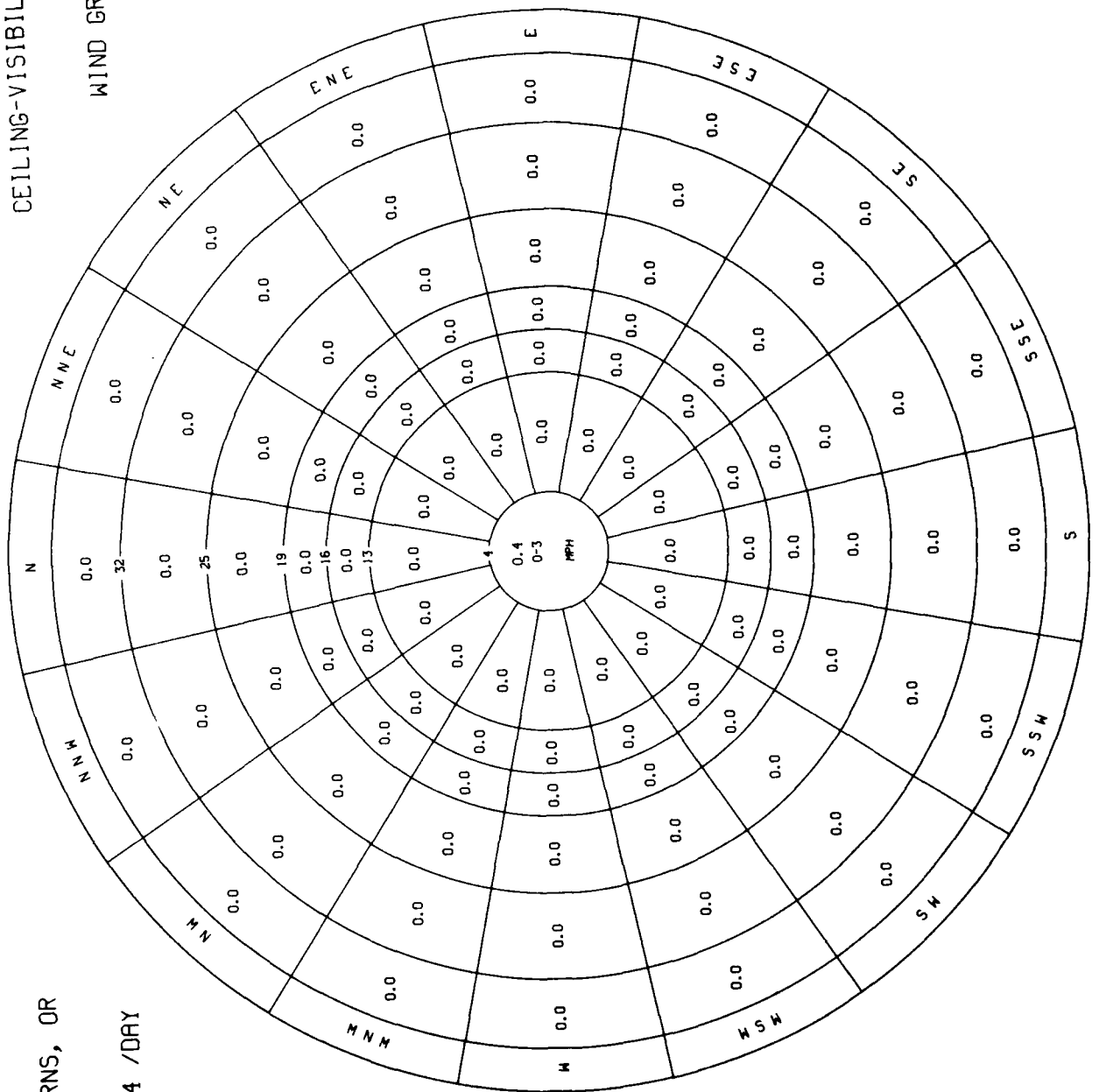
STATION NUMBER: 24134

NO. OBS.: 914

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	2.2	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
NNE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
NE	.1	2.1	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.8
ENE	.1	2.0	.1	1.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1 3.8
E	.1	2.7	.1	3.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.8
ESE	.0	1.5	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.2
SE	.1	2.2	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
SSE	.0	1.2	.1	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
S	.1	2.7	.1	3.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.2
SSW	.1	1.8	.1	2.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 6.2
SW	.1	1.8	.1	1.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1 4.3
WSW	.1	1.6	.1	2.2	.0	.9	.0	1.1	.0	.5	.0	.0	.0	.0	.2 6.3
W	.0	1.5	.1	3.5	.0	.1	.0	.5	.0	.2	.0	.1	.0	.0	.2 6.0
WNW	.0	.4	.1	1.8	.0	.3	.0	.1	.0	.2	.0	.0	.0	.0	.1 2.8
NW	.0	1.4	.1	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.6
NNW	.1	2.0	.1	2.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2 4.9
CALM	.9	29.1													.9 29.1
TOTAL	1.8	57.1	1.1	35.7	.1	3.5	.1	2.5	.0	1.1	.0	.1	.0	.0	3.1 100

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 4 / DAY

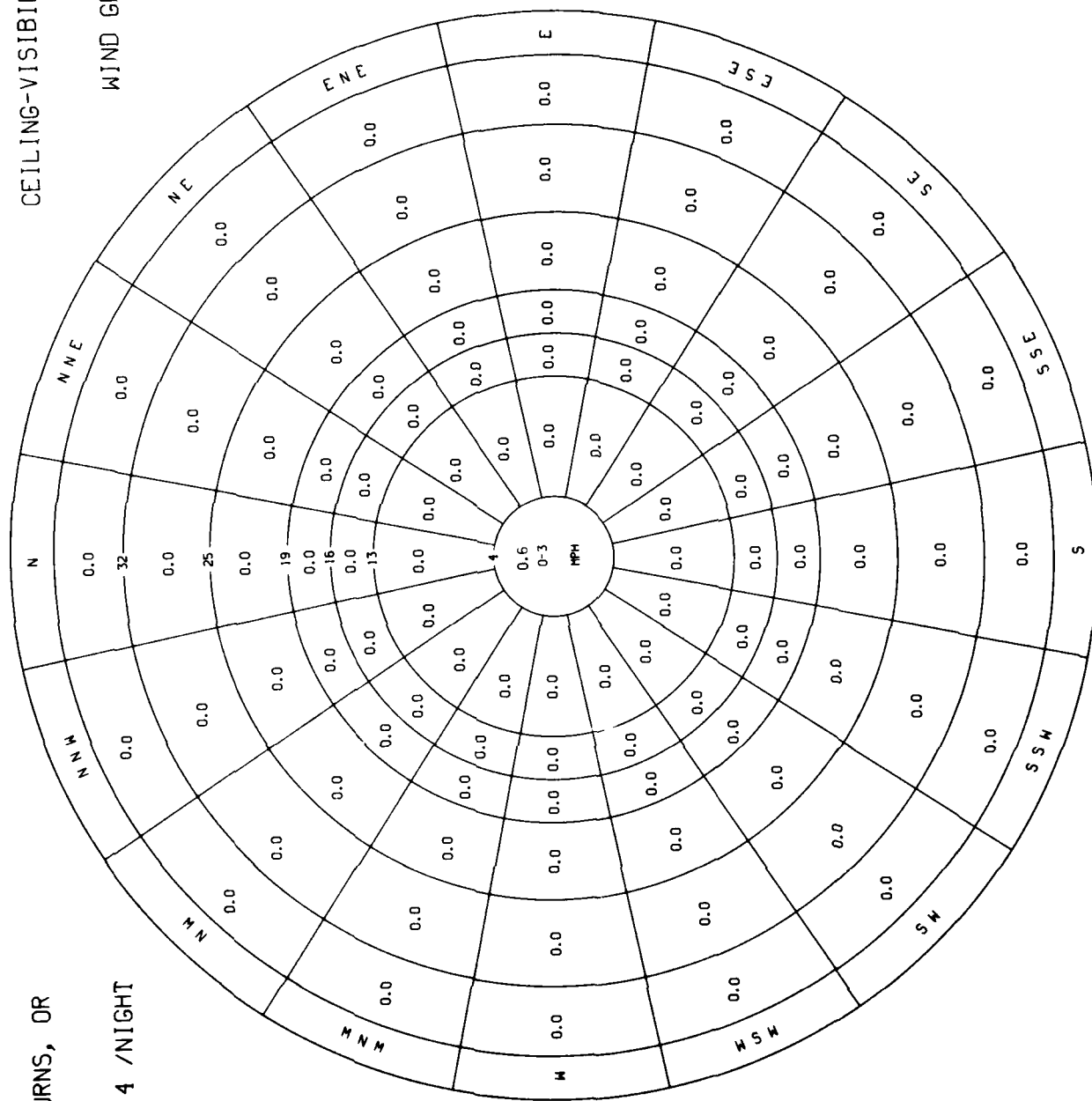
STATION NUMBER: 24134

NO. OBS.: 287

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.7	.0	2.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.4
NNE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	6.7
NE	.0	3.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.2	3.6
ENE	.0	1.4	.0	1.4	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	3.5	6.3
E	.0	5.6	.0	4.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.5	4.6
ESE	.0	1.4	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.1
SE	.0	2.8	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.2
SSE	.0	3.1	.0	3.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	7.0	5.4
S	.0	3.1	.0	4.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.1	8.0	5.6
SSW	.0	1.0	.0	2.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	5.7
SW	.0	1.0	.0	2.4	.0	.0	.0	.0	.0	.3	.0	.3	.0	.0	.0	4.2	9.6
WSW	.0	.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	3.8	10.3
W	.0	1.0	.0	1.7	.0	.7	.0	.3	.0	.0	.0	.3	.0	.0	.0	4.2	9.7
WNW	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	1.7	7.0
NW	.0	1.4	.0	2.8	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	5.6	8.0
NNW	.0	2.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8	3.8
CALM	.2	22.6													.2	22.6	
TOTAL	.4	54.0	.3	39.4	.0	3.1	.0	1.7	.0	.7	.0	1.0	.0	.0	.7	100	4.7

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 4 / NIGHT

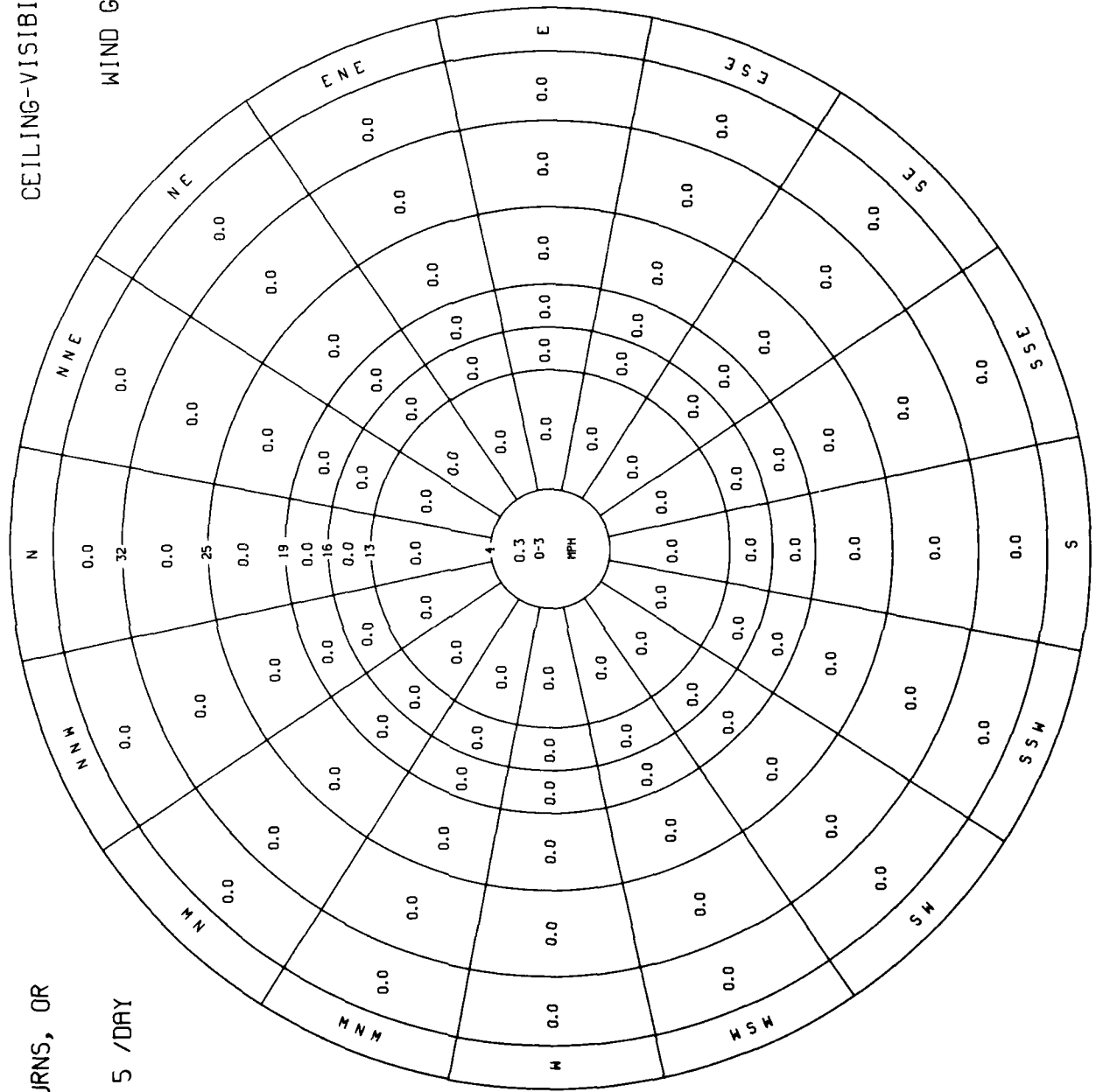
STATION NUMBER: 24134

NO. OBS.: 246

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	4.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.1	3.8
NNE	.0	2.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.0
NE	.0	2.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	2.9
ENE	.0	1.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.3
E	.0	2.8	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.7	5.6
ESE	.0	2.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.2
SE	.0	3.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.5	5.1
SSE	.0	1.2	.0	4.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.7	6.2
S	.0	2.8	.0	2.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	5.7	4.9
SSW	.0	2.0	.0	2.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	6.3
SW	.0	3.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	3.9
WSW	.0	2.4	.0	1.2	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	4.9	7.2
W	.0	1.6	.0	.8	.0	.4	.0	.4	.0	.0	.0	.4	.0	.0	.0	3.7	8.7
WNW	.0	1.6	.0	.8	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.8	6.9
NW	.0	2.8	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	3.9
NNW	.0	1.2	.0	1.6	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	3.3	6.5
CALM	.2	28.9													.2	28.9	
TOTAL	.6	67.9	.2	26.0	.0	3.3	.0	2.4	.0	.0	.0	.4	.0	.0	.8	100	3.7

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 5 / DAY

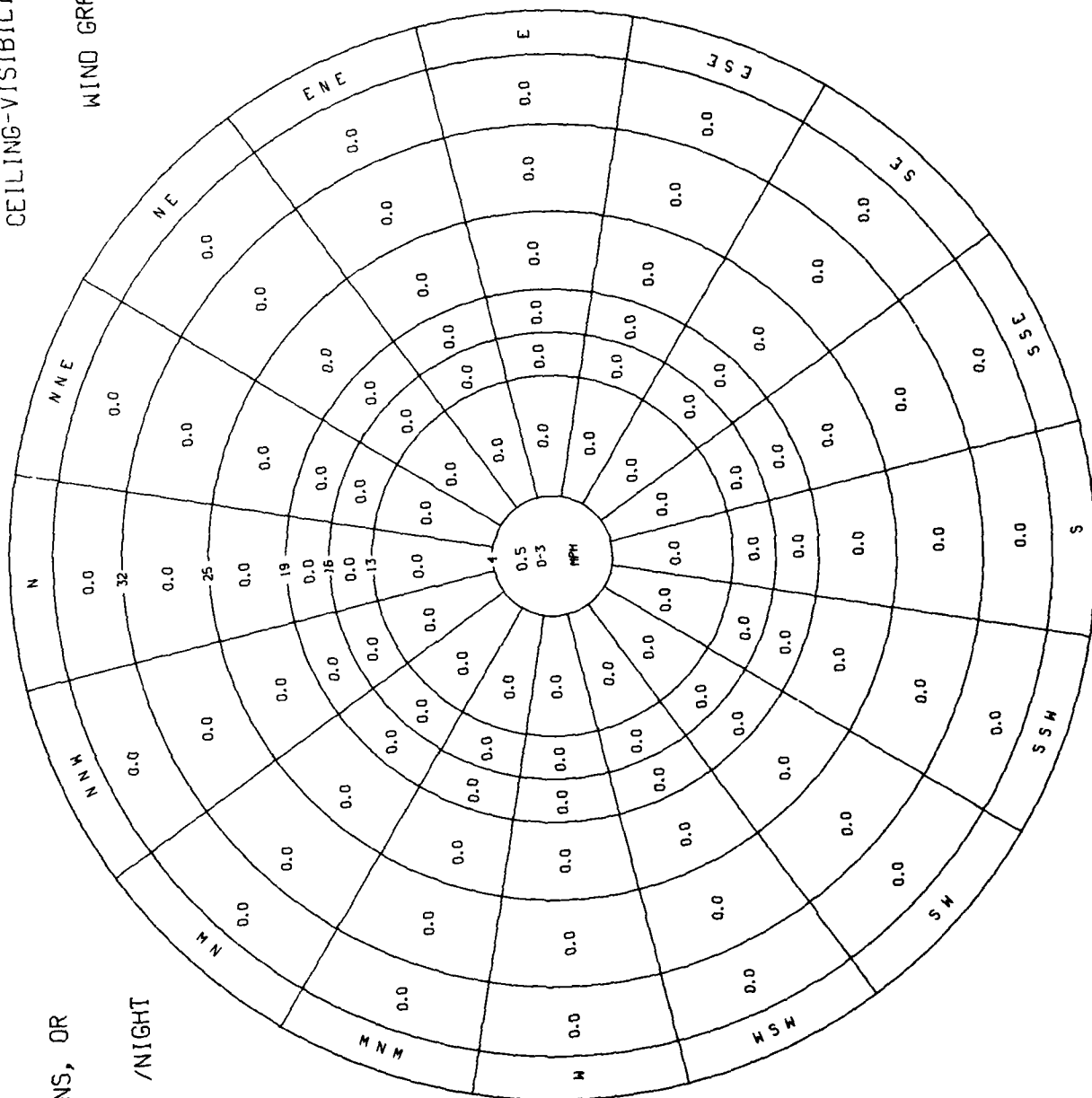
STATION NUMBER: 24134

NO. OBS.: 182

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	3.3	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.6
NNE	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NE	.0	3.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.4
ENE	.0	1.6	.0	1.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
E	.0	1.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
ESE	.0	1.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
SE	.0	4.9	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 9.9
SSE	.0	.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
S	.0	1.6	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.5
SSW	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
SW	.0	2.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
WSW	.0	1.1	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
W	.0	1.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
WNW	.0	1.1	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NW	.0	4.4	.0	1.1	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0 6.0
NNW	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
CALM	.2	34.6													.2 34.6
TOTAL	.3	68.7	.1	27.5	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.5	.4 100
															3.4

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 5 / NIGHT

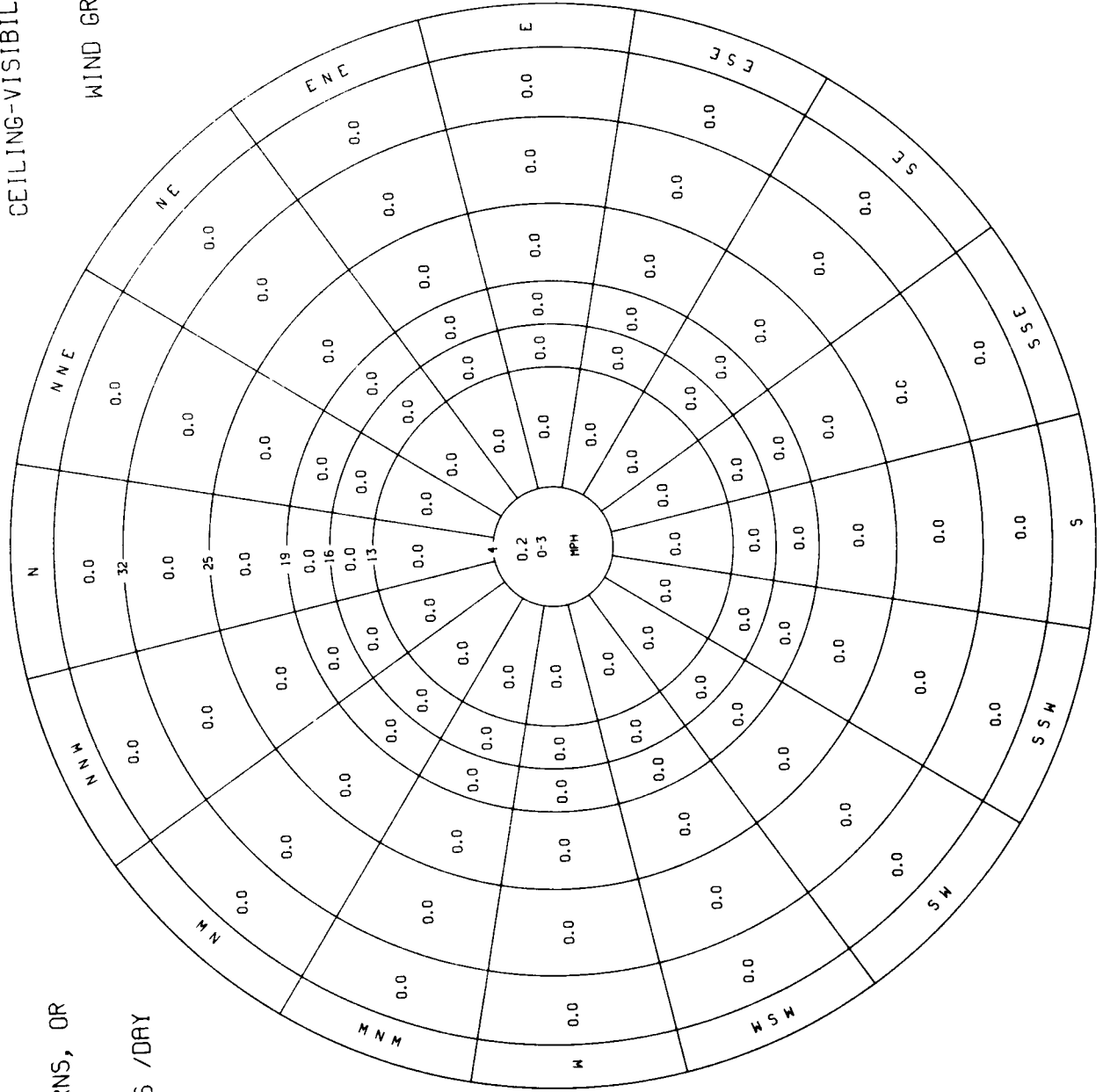
STATION NUMBER: 24134

NO. OBS.: 205

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	4.4	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8	3.6
NNE	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.0
NE	.0	2.4	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.8
ENE	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.0
E	.0	4.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	3.6
ESE	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
SE	.0	2.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	2.7
SSE	.0	2.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	4.7
S	.0	2.9	.0	2.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	4.7
SSW	.0	2.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.3
SW	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.8
WSW	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.2
W	.0	3.4	.0	1.0	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	4.9	4.9
WNW	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.4
NW	.0	2.0	.0	.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	2.9	6.3
NNW	.0	3.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	2.9
CALM	.3	37.1													.3	37.1	
TOTAL	.5	78.0	.1	19.5	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.7	100	2.6

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BNO BURNS, OR

PERIOD: 1948-1972

CLASS 6 / DAY

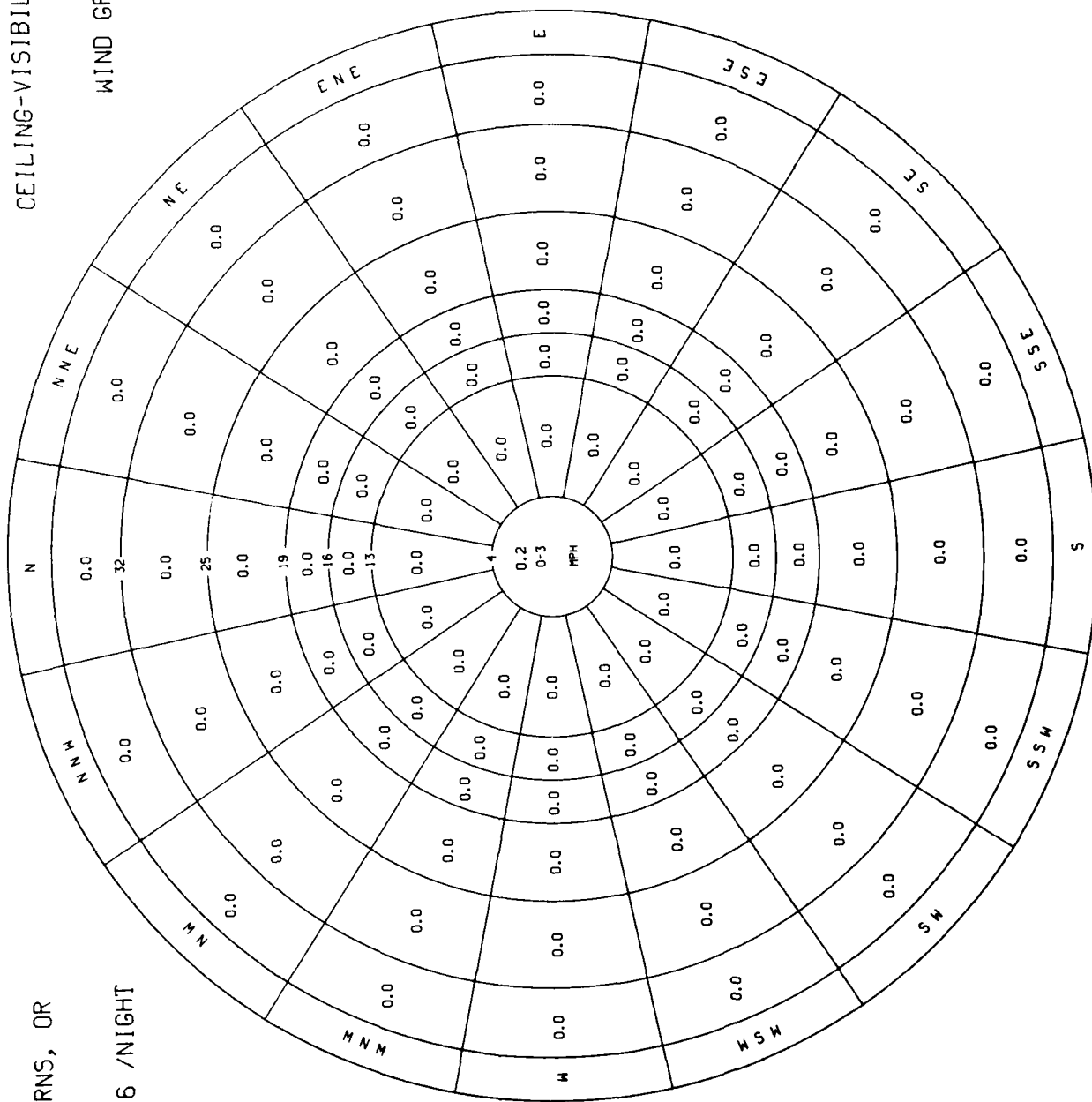
STATION NUMBER: 24134

NO. OBS.: 92

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	6.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
NNE	.0	3.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
NE	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
ENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
E	.0	5.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
ESE	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
SE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SSE	.0	2.2	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5
S	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
SSW	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
SW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
WSW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
W	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	4.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	6.5
NNW	.0	5.4	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.9
CALM	.1	37.0													37.0
TOTAL	.2	78.3	.0	20.7	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	2.4

CEILING-VISIBILITY

WIND GRAPH



BNO BURNS, OR

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: BND BURNS, OR

PERIOD: 1948-1972

CLASS 6 / NIGHT

STATION NUMBER: 24134

ND. OBS.: 86

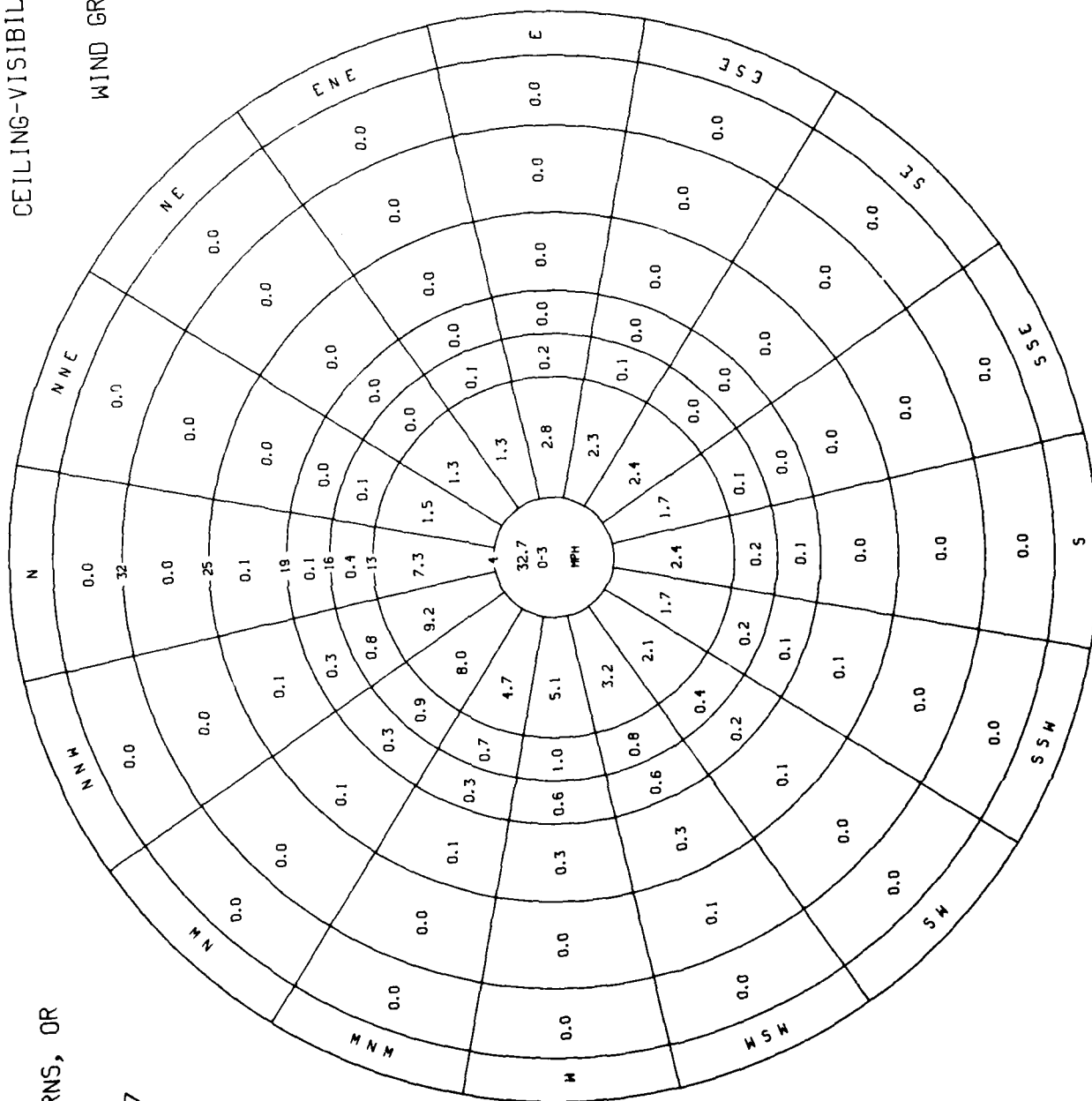
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
NNE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NE	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
ENE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
E	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	2.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
SSE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
S	.0	3.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
SSW	.0	.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
SW	.0	3.5	.0	2.3	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	7.0
WSW	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
W	.0	5.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
WNW	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
NW	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
NNW	.0	5.8	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	9.3
CALM	.1	40.7													40.7
TOTAL	.2	81.4	.1	17.4	.0	.0	.0	.0	.0	1.2	.0	.0	.0	.0	2.2

CEILING-VISIBILITY

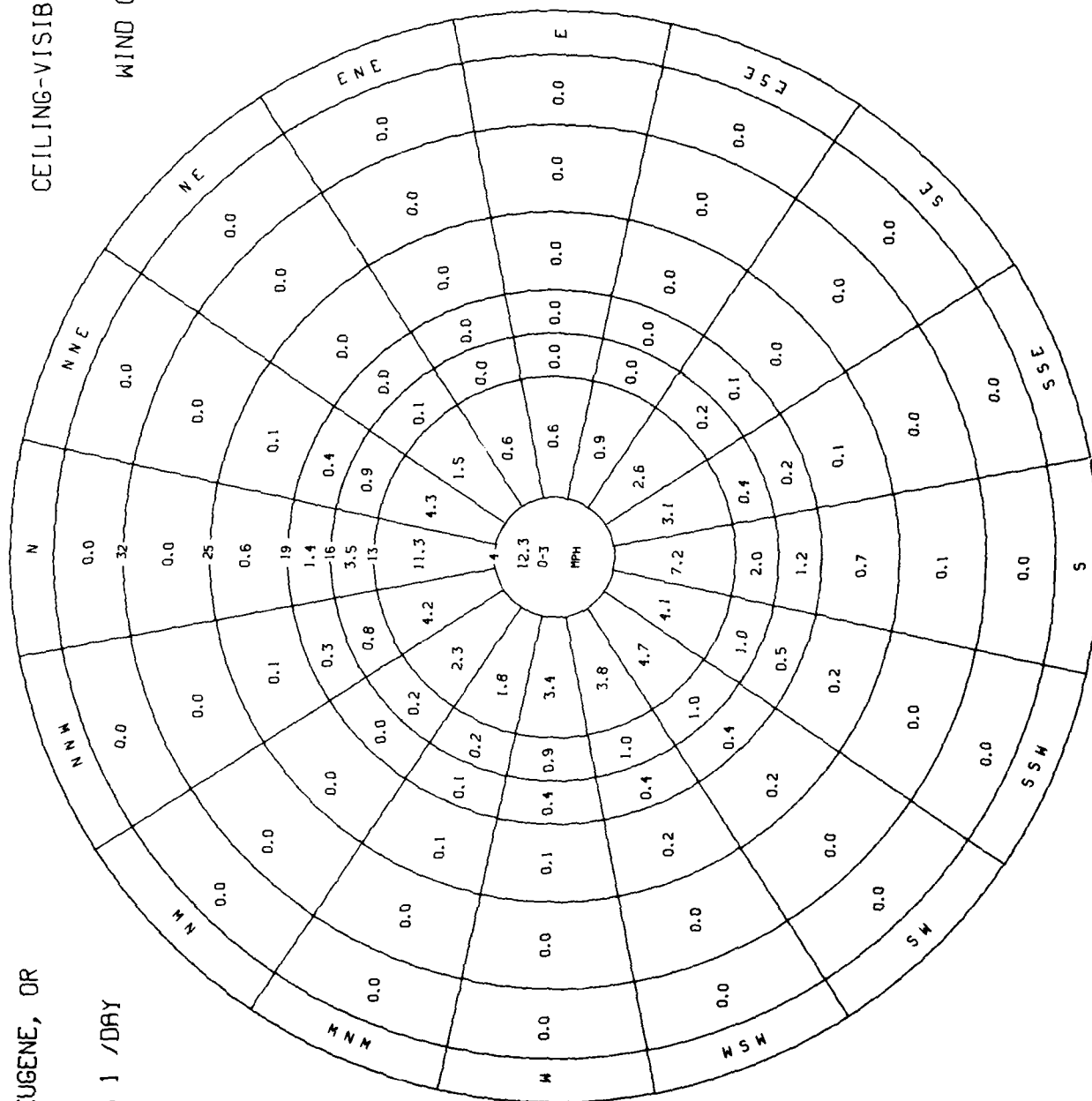
WIND GRAPH

BNO BURNS, OR

CLASS 7



EUG EUGENE, OR
 CLASS 1 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

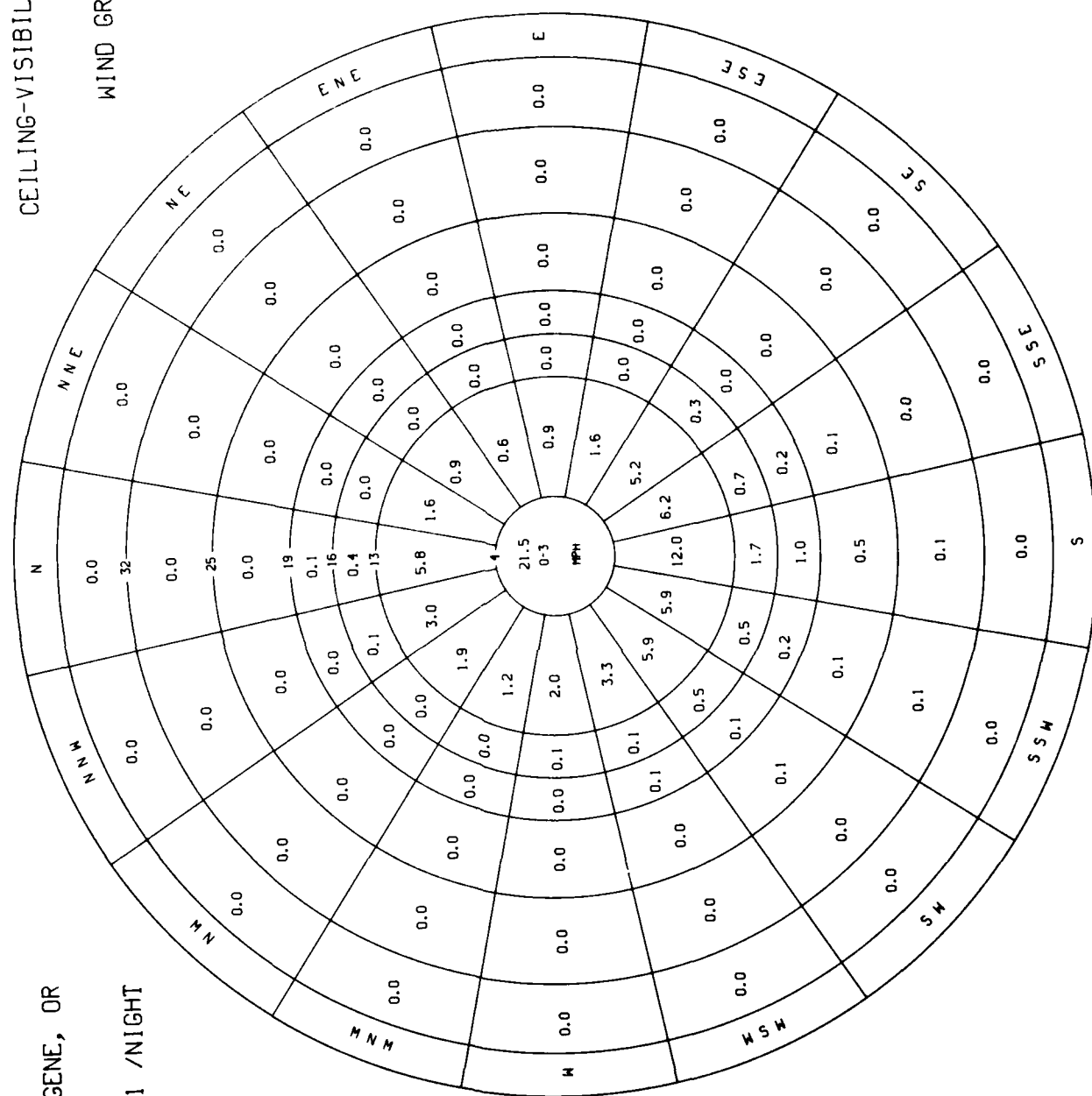
CLASS 1 / DAY

STATION NUMBER: 24221

NO. OBS.: 28061

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.9	1.0	11.3	12.8	3.5	4.0	1.4	1.6	.6	.6	.0	.0	.0	.0	.0	17.8	20.1	10.4	
NNE	.4	.5	4.3	4.8	.9	1.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	6.1	6.8	9.4	
NNE	.4	.5	1.5	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.3	6.9	
ENE	.2	.2	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	5.6	
E	.3	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	5.2	
ESE	.2	.2	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	6.9	
SE	.4	.4	2.6	2.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.2	3.6	7.9	
SSE	.3	.4	3.1	3.5	.4	.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	4.1	4.7	8.9	
S	1.0	1.1	7.2	8.1	2.0	2.3	1.2	1.4	.7	.7	.1	.1	.0	.0	.0	12.1	13.7	10.5	
SSW	.5	.5	4.1	4.7	1.0	1.1	.5	.5	.2	.2	.0	.0	.0	.0	.0	6.3	7.1	9.8	
SW	.6	.7	4.7	5.3	1.0	1.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	7.0	7.8	9.4	
WSW	.5	.5	3.8	4.3	1.0	1.1	.4	.4	.2	.2	.0	.0	.0	.0	.0	5.9	6.6	9.9	
W	.5	.5	3.4	3.8	.9	1.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	5.1	5.8	9.5	
WNW	.3	.4	1.8	2.1	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.5	2.8	8.1	
NW	.3	.4	2.3	2.6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.3	7.8	
NNW	.4	.5	4.2	4.8	.8	1.0	.3	.3	.1	.1	.0	.0	.0	.0	.0	5.9	6.6	9.3	
CALM	5.0	5.7														5.0	5.7		
TOTAL	12.3	13.8	56.5	63.7	12.2	13.8	5.2	5.9	2.2	2.5	.2	.3	.0	.0	.0	88.7	100	9.0	

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

CLASS 1 / NIGHT

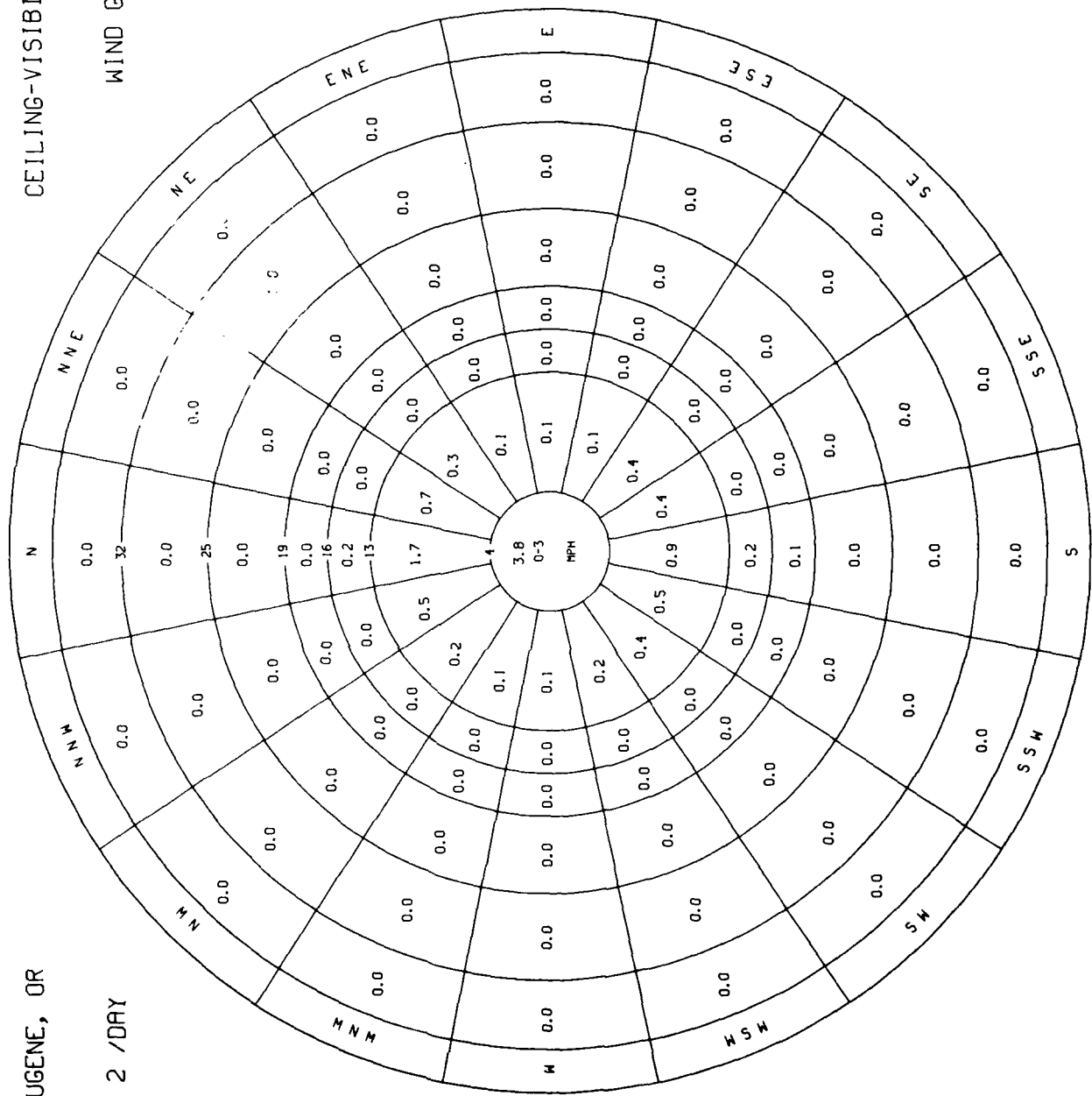
STATION NUMBER: 24221

NO. OBS.: 23149

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.9	1.0	5.8	6.7	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	7.3	8.4	7.7
NNE	.4	.5	1.6	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.3	6.3
NE	.4	.5	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.6	5.4
ENE	.3	.3	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	1.0	4.9
E	.4	.5	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	4.9
ESE	.3	.3	1.6	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.3	6.4
SE	1.0	1.1	5.2	6.0	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	6.5	7.4	7.1
SSE	.9	1.1	6.2	7.1	.7	.8	.2	.2	.1	.1	.0	.0	.0	.0	8.1	9.3	8.1
S	1.8	2.1	12.0	13.9	1.7	2.0	1.0	1.2	.5	.6	.1	.1	.0	.0	17.2	19.8	8.8
SSW	1.0	1.2	5.9	6.8	.5	.6	.2	.2	.1	.1	.1	.1	.0	.0	7.8	9.0	7.9
SW	1.2	1.4	5.9	6.8	.5	.6	.1	.2	.1	.1	.0	.0	.0	.0	7.8	9.0	7.4
WSW	.6	.7	3.3	3.8	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.1	4.8	7.1
W	.7	.8	2.0	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.1	6.2
WNW	.4	.4	1.2	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.8	5.6
NW	.4	.5	1.9	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.7	5.9
NNW	.5	.6	3.0	3.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6	4.2	7.1
CALM	10.3	11.9													10.3	11.9	
TOTAL	21.5	24.7	57.9	66.7	4.5	5.2	1.8	2.1	.9	1.0	.2	.2	.0	.0	86.9	100	6.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EUG EUGENE, OR

CLASS 2 / DAY

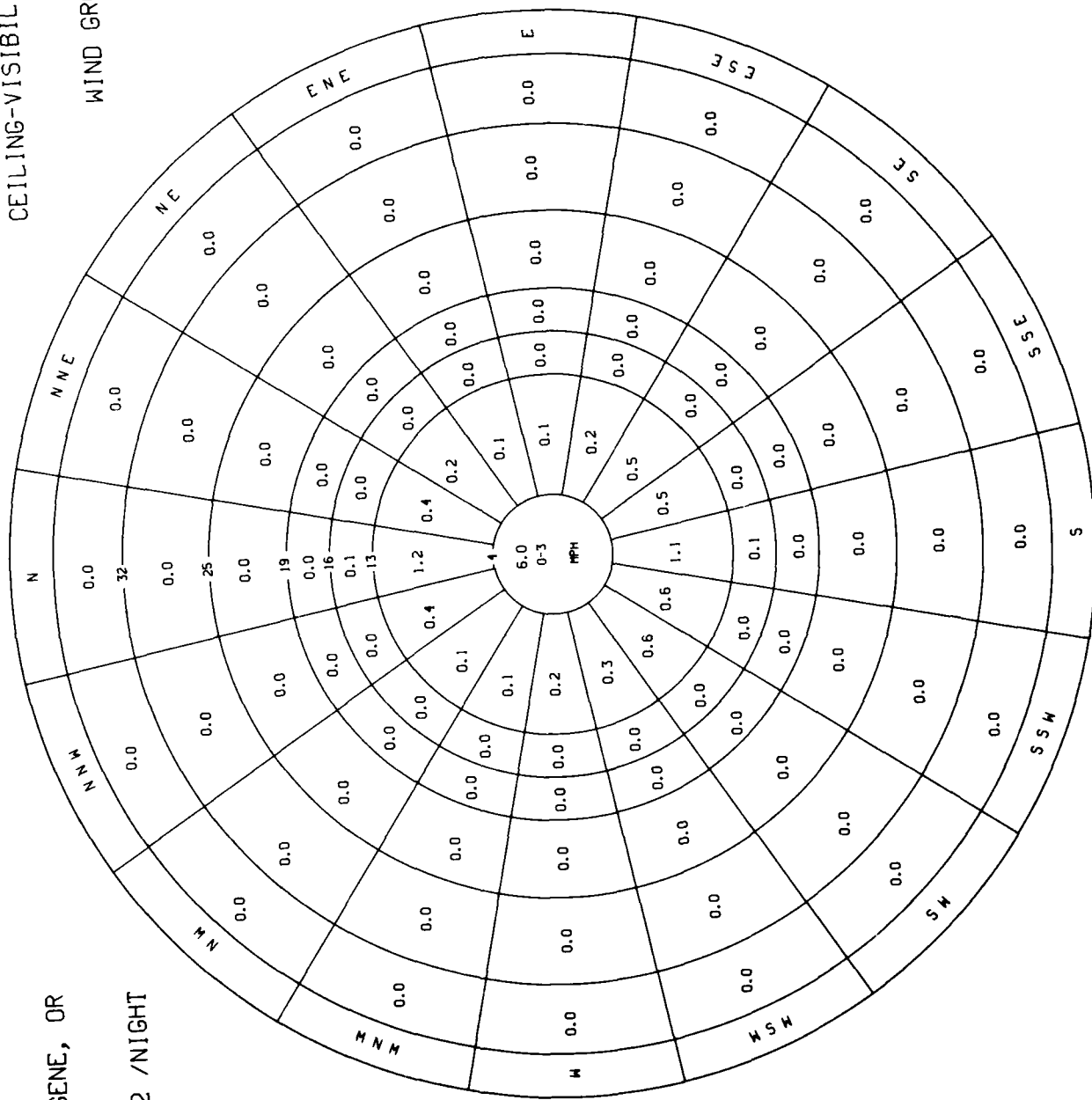
NO. OBS.: 3576

STATION NUMBER: 24221

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															A	B	
N	.2	1.8	1.7	14.8	.2	1.9	.0	.4	.0	.1	.0	.0	.0	.0	2.2	19.0	8.2
NNE	.2	1.3	.7	5.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.8	7.5	6.6
NE	.1	.8	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2	5.8
ENE	.0	.4	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	5.3
E	.1	.4	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.8
ESE	.0	.3	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	6.4
SE	.1	1.1	.4	3.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.8	6.9
SSE	.1	.8	.4	3.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5	4.8	7.4
S	.3	2.2	.9	7.6	.2	1.4	.1	.8	.0	.2	.0	.1	.0	.0	1.4	12.3	8.5
SSH	.2	1.3	.5	4.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.7	5.9	6.9
SW	.1	1.0	.4	3.6	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.6	5.2	7.1
WSW	.1	.6	.2	1.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.7	6.4
W	.1	.6	.1	1.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.2	1.9	6.1
WNW	.0	.4	.1	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.1
NW	.1	.8	.2	1.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.5	5.6
NNW	.1	1.1	.5	4.6	.0	.4	.0	.1	.0	.1	.0	.0	.0	.0	.7	6.3	7.1
CALM	2.1	18.5	6.6	58.1	.6	5.4	.2	2.0	.1	.6	.0	.1	.0	.0	2.1	18.5	5.9
TOTAL	3.8	33.7	6.6	58.1											11.3	100	

CEILING-VISIBILITY

WIND GRAPH



EUG EUGENE, OR

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

CLASS 2 / NIGHT

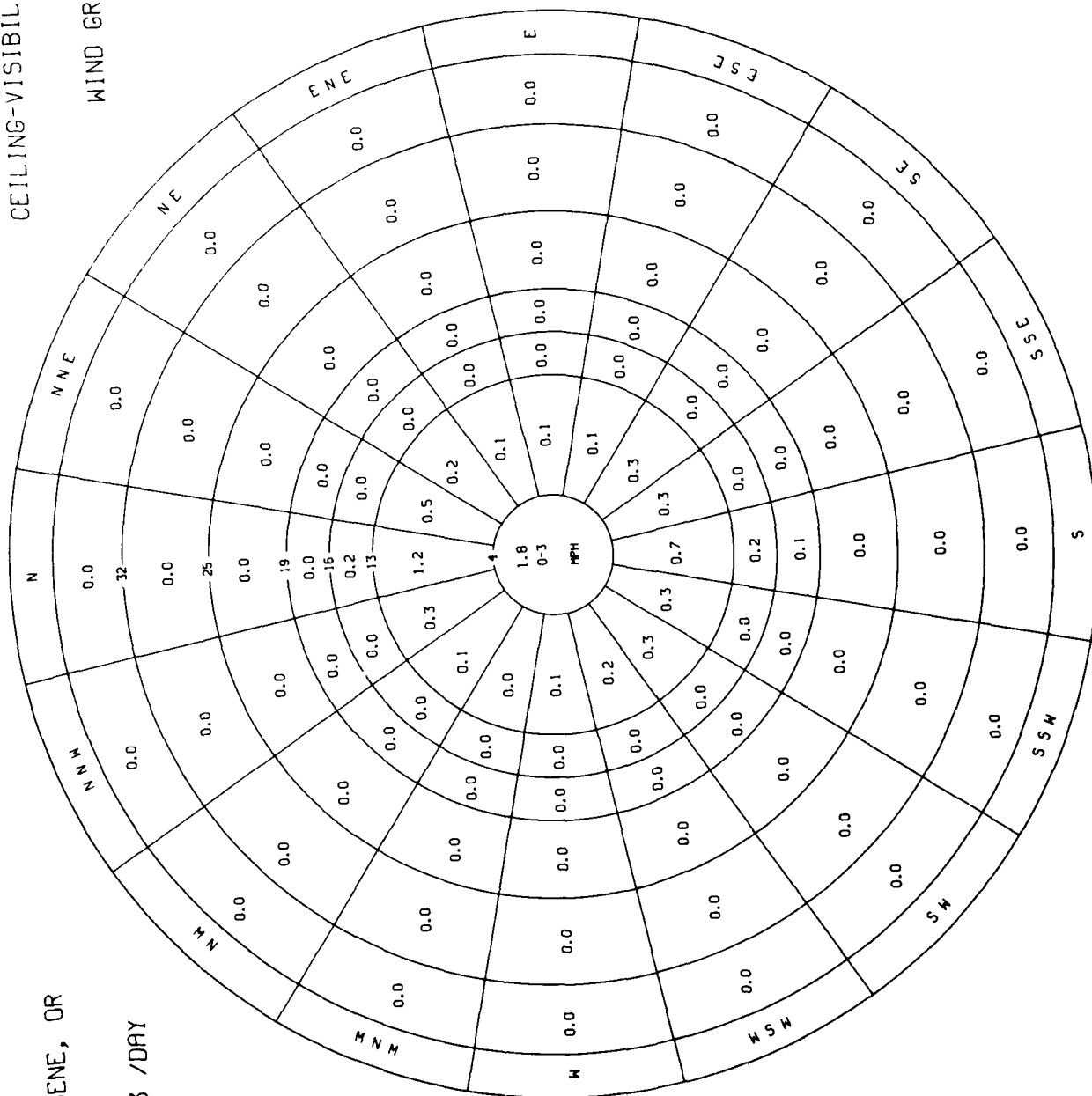
STATION NUMBER: 24221

NO. OBS.: 3491

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.3	2.0	1.2	9.0	.1	.9	.0	.1	.0	.1	.0	.0	.0	.0	1.6 12.0 7.2
NNE	.1	1.1	.4	3.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6 4.3 6.3
NCE	.1	.9	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.4 4.7
ENE	.0	.2	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0 5.1
E	.1	.9	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.9 4.5
ESE	.1	.7	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.4 5.4
SE	.2	1.7	.5	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8 5.9 5.8
SSE	.2	1.2	.5	3.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.7 5.4 6.7
S	.4	3.3	1.1	8.4	.1	.7	.0	.4	.0	.2	.0	.1	.0	.0	1.7 13.0 7.0
SSW	.2	1.7	.6	4.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.8 6.3 6.2
SW	.3	1.9	.6	4.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8 6.4 5.7
WSW	.2	1.4	.3	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.7 5.3
W	.1	1.1	.2	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.3 4.7
WNW	.1	.7	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.5 4.7
NW	.1	.4	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.5 5.7
NNW	.1	1.0	.4	3.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.6 4.5 6.8
CALM	3.3	25.4													3.3 25.4
TOTAL	6.0	45.4	6.6	50.4	.4	2.7	.1	.9	.0	.4	.0	.1	.0	.0	13.1 100 4.7

CEILING-VISIBILITY

WIND GRAPH



EUG EUGENE, OR

CLASS 3 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

CLASS 3 / DAY

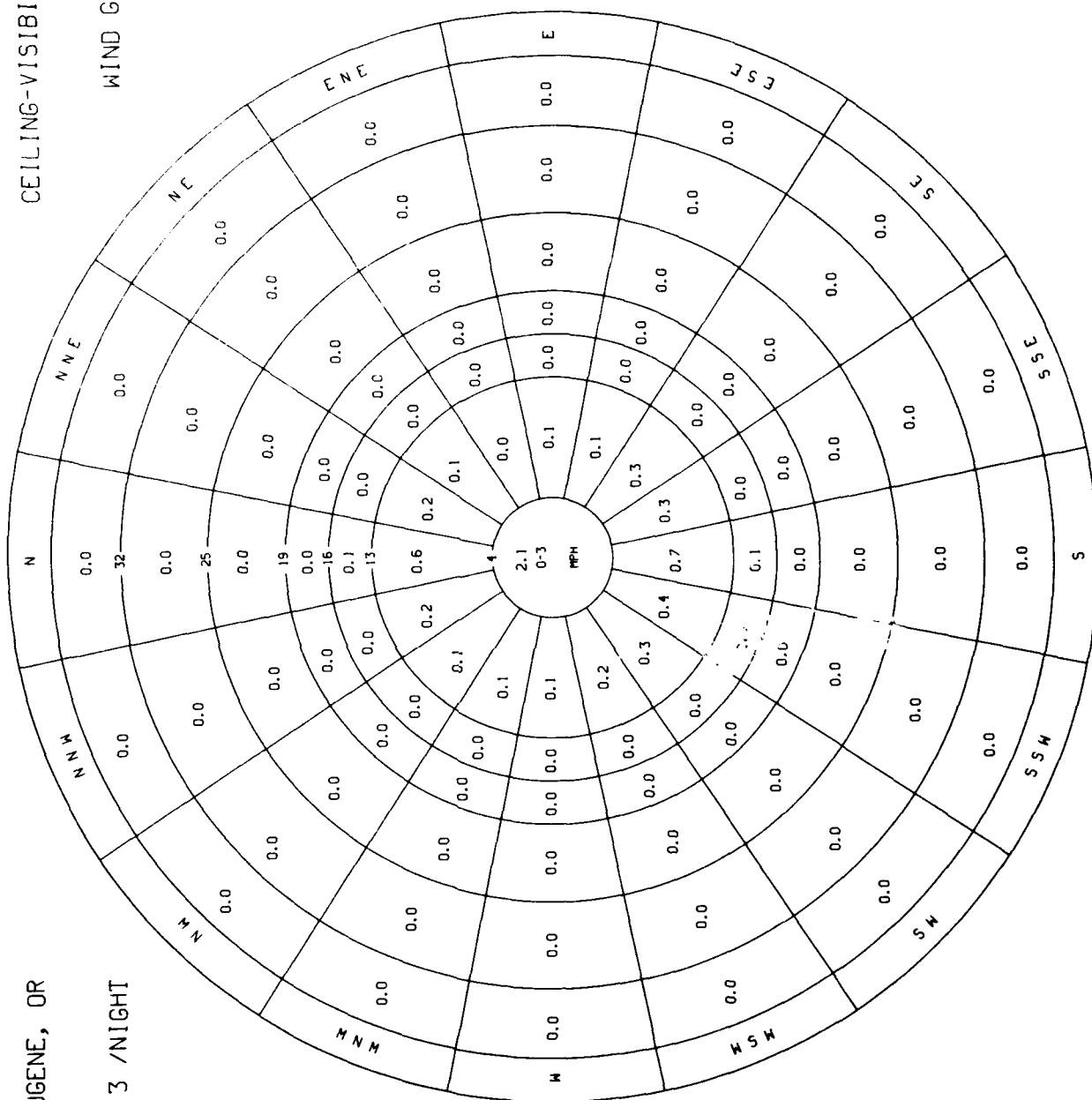
NO. OBS.: 2318

STATION NUMBER: 24221

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	1.6	1.2	16.4	.2	2.5	.0	.6	.0	.2	.0	.0	.0	.0	1.6	21.4	8.8
NNE	.1	1.4	.5	6.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.6	8.1	6.8
NE	.1	.8	.2	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0	6.0
ENE	.0	.3	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	5.5
E	.0	.3	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.1
ESE	.0	.1	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	7.1
SE	.1	.9	.3	4.2	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.4	5.6	7.4
SSE	.1	.7	.3	4.1	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.4	5.4	8.1
S	.1	1.3	.7	8.9	.2	2.1	.1	1.1	.0	.3	.0	.1	.0	.0	1.0	13.8	9.8
SSW	.1	1.1	.3	4.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.5	6.2	7.4
SW	.1	.9	.3	3.8	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.4	5.6	7.8
WSW	.0	.5	.2	2.1	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2	3.0	7.2
W	.0	.6	.1	1.3	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	2.0	7.0
WNW	.0	.3	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	5.7
NW	.1	.9	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	5.7
NNW	.1	1.1	.3	4.4	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.5	6.4	7.6
CALM	.9	11.8													.9	11.8	
TOTAL	1.8	24.8	4.7	63.7	.6	7.7	.2	2.7	.1	.9	.0	.1	.0	.0	7.3	100	7.0

CEILING-VISIBILITY

WIND GRAPH



EUG EUGENE, OR

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EUG EUGENE, OR

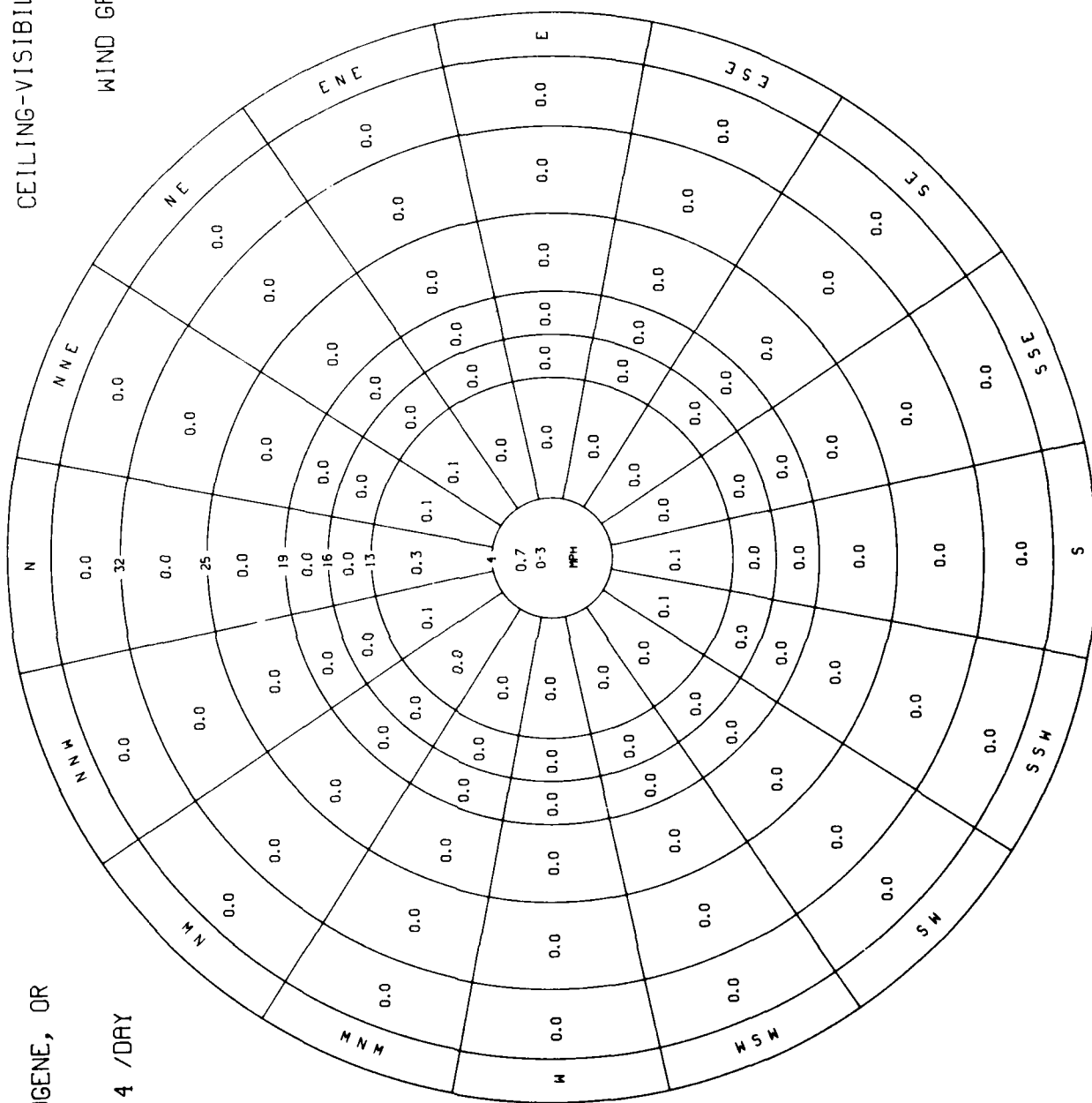
CLASS 3 / NIGHT

NO. OBS.: 667

STATION NUMBER: 24221

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.4	.6	10.0	.1	1.4	.0	.2	.0	.1	.0	.0	.0	.0	.8 13.1
NNE	.1	.8	.2	3.3	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 4.5
NE	.0	.7	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
ENE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
E	.0	.5	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
ESE	.0	.5	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
SE	.1	1.3	.3	5.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4 7.0
SSE	.1	1.0	.3	5.2	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.4 7.0
S	.1	2.2	.7	11.0	.1	1.4	.0	.7	.0	.4	.0	.2	.0	.0	1.0 16.0
SSW	.1	1.5	.4	5.6	.0	.2	.0	.3	.0	.1	.0	.0	.0	.0	.5 7.7
SW	.1	1.6	.3	4.6	.0	.4	.0	.0	.0	.1	.0	.0	.0	.0	.4 6.7
WSW	.1	1.3	.2	2.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 4.3
W	.1	1.0	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.3
WNW	.0	.4	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.3
NW	.0	.5	.1	1.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1 1.6
NNW	.0	.8	.2	3.6	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.3 4.9
CALM	1.1	17.1													1.1 17.1
TOTAL	2.1	32.8	3.7	59.3	.3	5.1	.1	1.9	.0	.7	.0	.2	.0	.0	6.3 100
															6.0

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EUG EUGENE, OR

CLASS 4 / DAY

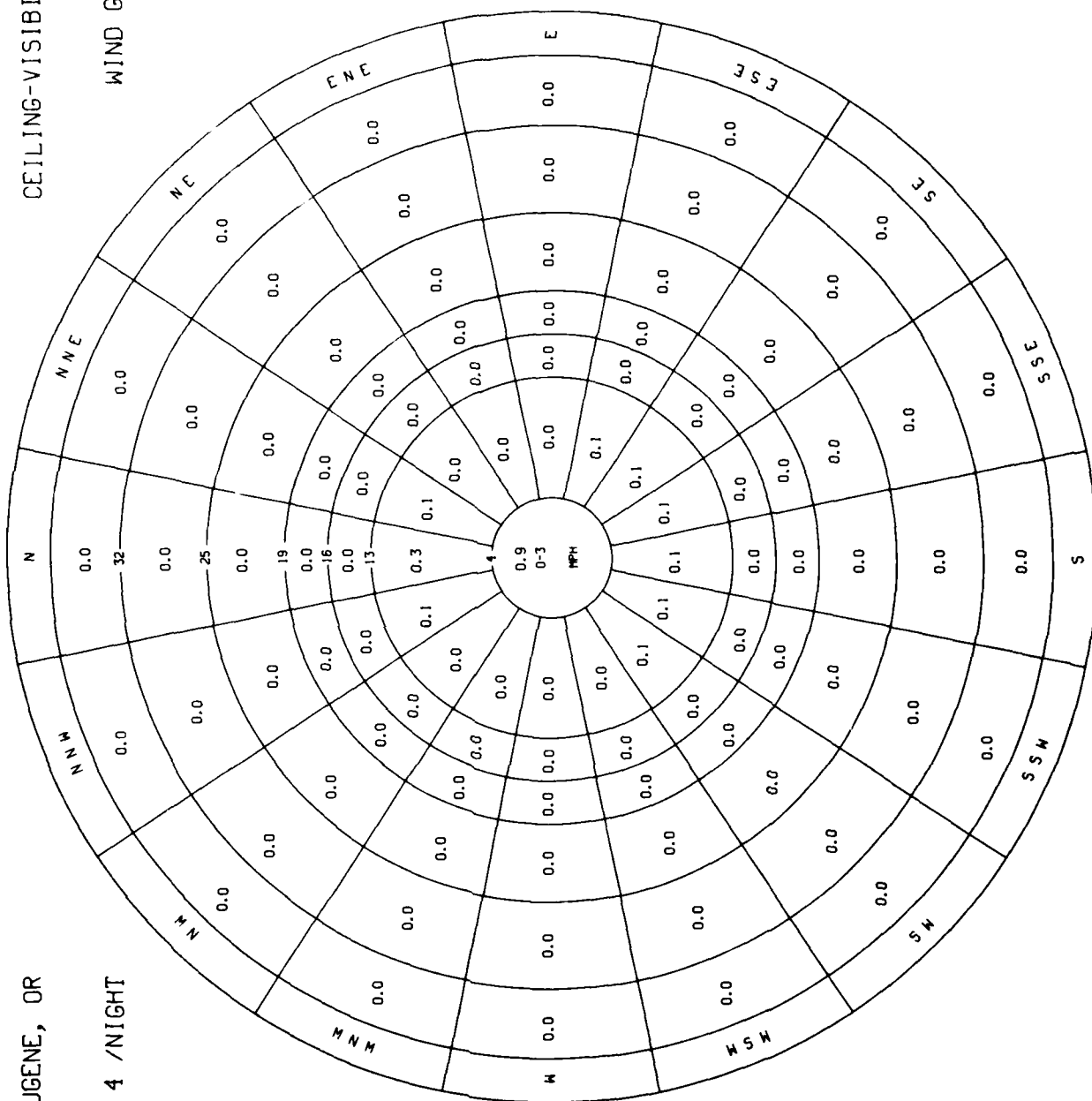
NO. OBS.: 525

STATION NUMBER: 24221

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	2.9	.3	15.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	19.8	7.1
NNE	.0	1.9	.1	7.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	9.3	6.1
NE	.0	.8	.1	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	6.1
ENE	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.8
E	.0	1.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.0
ESE	.0	.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.6
SE	.0	1.3	.0	2.5	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.1	4.2	5.9
SSE	.0	1.1	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	4.9
S	.1	3.0	.1	4.4	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.1	8.0	5.8
SSW	.0	.8	.1	3.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.0	5.7
SW	.0	.8	.0	2.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	6.2
WSW	.0	.8	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.9
W	.0	.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.3
WNW	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.6
NW	.0	1.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.5
NNW	.0	1.1	.1	6.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	8.0	6.9
CALM	.4	21.9													.4	21.9	
TOTAL	.7	41.0	.9	55.6	.0	2.3	.0	1.0	.0	.2	.0	.0	.0	.0	1.7	100	4.7

CEILING-VISIBILITY

WIND GRAPH



EUG EUGENE, OR

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

CLASS 4 / NIGHT

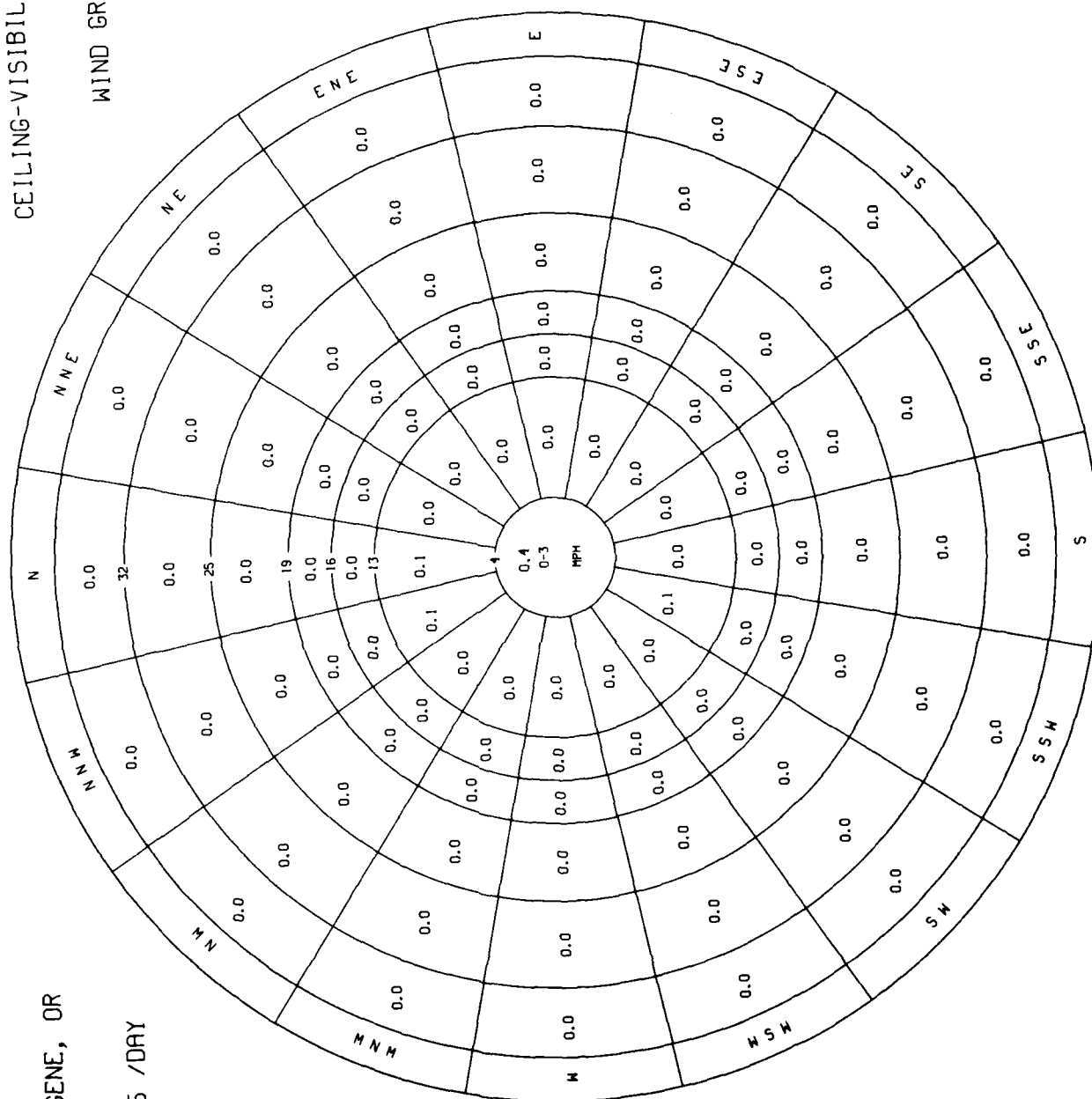
STATION NUMBER: 24221

NO. OBS.: 549

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	2.6	.3	13.5	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.3 16.8
NNE	.0	1.3	.1	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
NE	.0	1.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
ENE	.0	.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
E	.0	1.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.9
ESE	.0	.5	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
SE	.0	.4	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
SSE	.0	1.1	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.8
S	.1	3.3	.1	4.9	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.2 8.7
SSW	.0	1.5	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.0
SW	.0	1.8	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
WSW	.0	.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
W	.0	1.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.6
WNW	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
NW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
NNW	.0	1.3	.1	4.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.2
CALM	.5	25.9													.5 25.9
TOTAL	.9	45.4	1.1	52.8	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	2.1 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

CLASS 5 / DAY

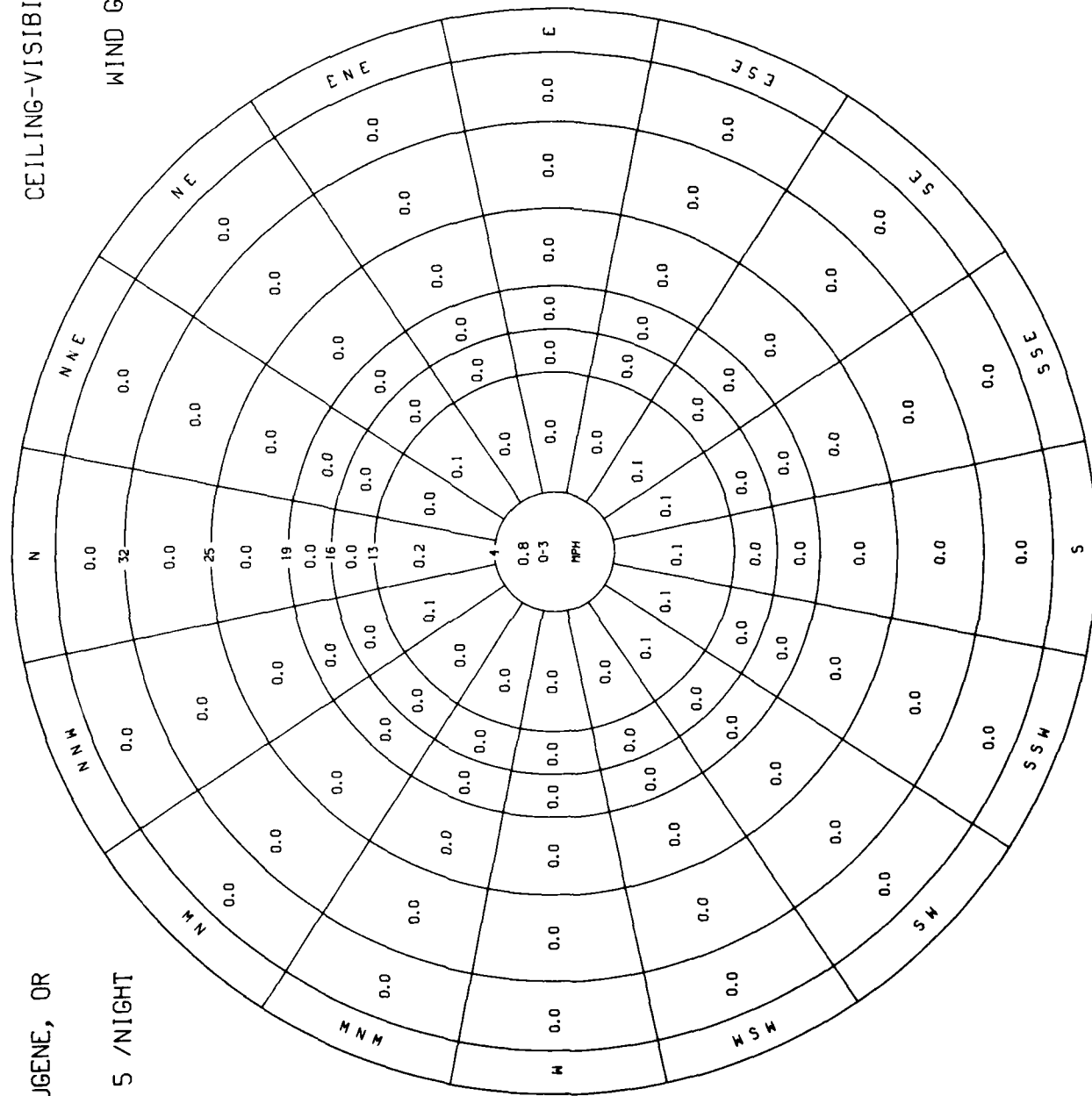
STATION NUMBER: 24221

NO. OBS.: 306

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	1.6	.1	15.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	17.0	6.9
NNE	.0	.3	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	6.1
NE	.0	1.0	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	5.0
ENE	.0	.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.6
E	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.7
ESE	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	5.7
SE	.0	.3	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.3
SSE	.0	.7	.0	3.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.6	6.5
S	.0	1.6	.0	4.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.1	6.2	5.9
SSW	.0	2.9	.1	5.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.3	.1	8.8	6.8
SW	.0	1.0	.0	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.8
WSW	.0	1.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.4
W	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.7
WNW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.0
NW	.0	.3	.0	1.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.2
NNW	.0	1.6	.1	5.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	5.9
CALM	.3	27.5														.3	27.5	
TOTAL	.4	42.5	.5	55.2	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.3	1.0	100		4.4

CEILING-VISIBILITY

WIND GRAPH



EUG EUGENE, OR

CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: EUG EUGENE, OR

CLASS 5 / NIGHT

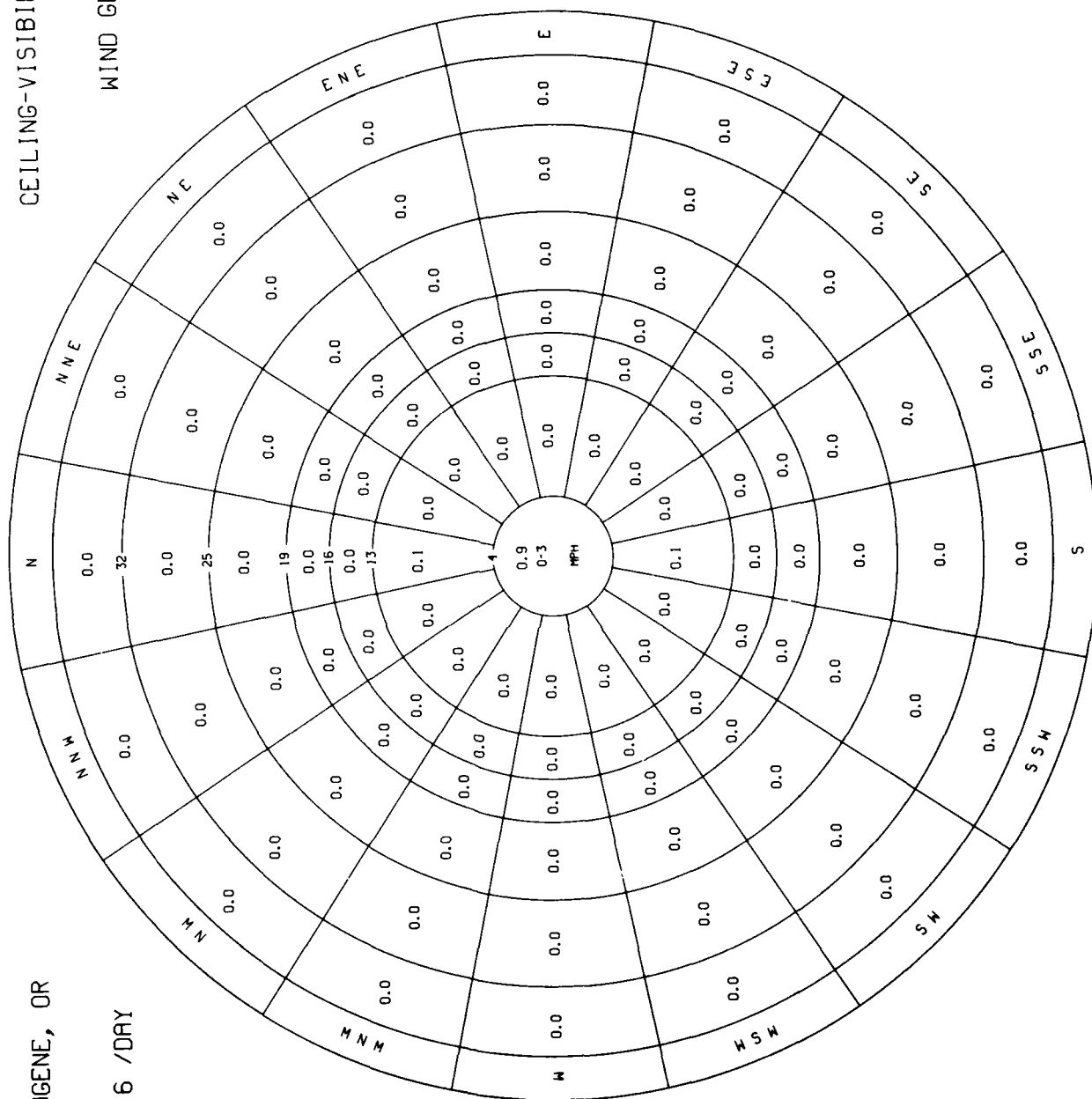
NO. OBS.: 428

STATION NUMBER: 24221

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.6	.2	9.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.2	12.9	6.6
NNE	.0	1.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.3
NNE	.0	1.2	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	5.3
ENE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.8
E	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.7
ESE	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.7
SE	.0	1.4	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	5.1
SSE	.0	.9	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	5.3
S	.1	4.7	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	11.4	4.7
SSW	.0	2.1	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	5.2
SW	.0	2.1	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	4.9
WSW	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.2
W	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	4.0
WNW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.5
NW	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.5
NNW	.0	.7	.1	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.9
CALM	.5	29.4													.5	29.4	3.8
TOTAL	.8	51.4	.8	47.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	1.6	100	

CEILING-VISIBILITY

WIND GRAPH



ANNUAL

PERIOD: 1948-1978

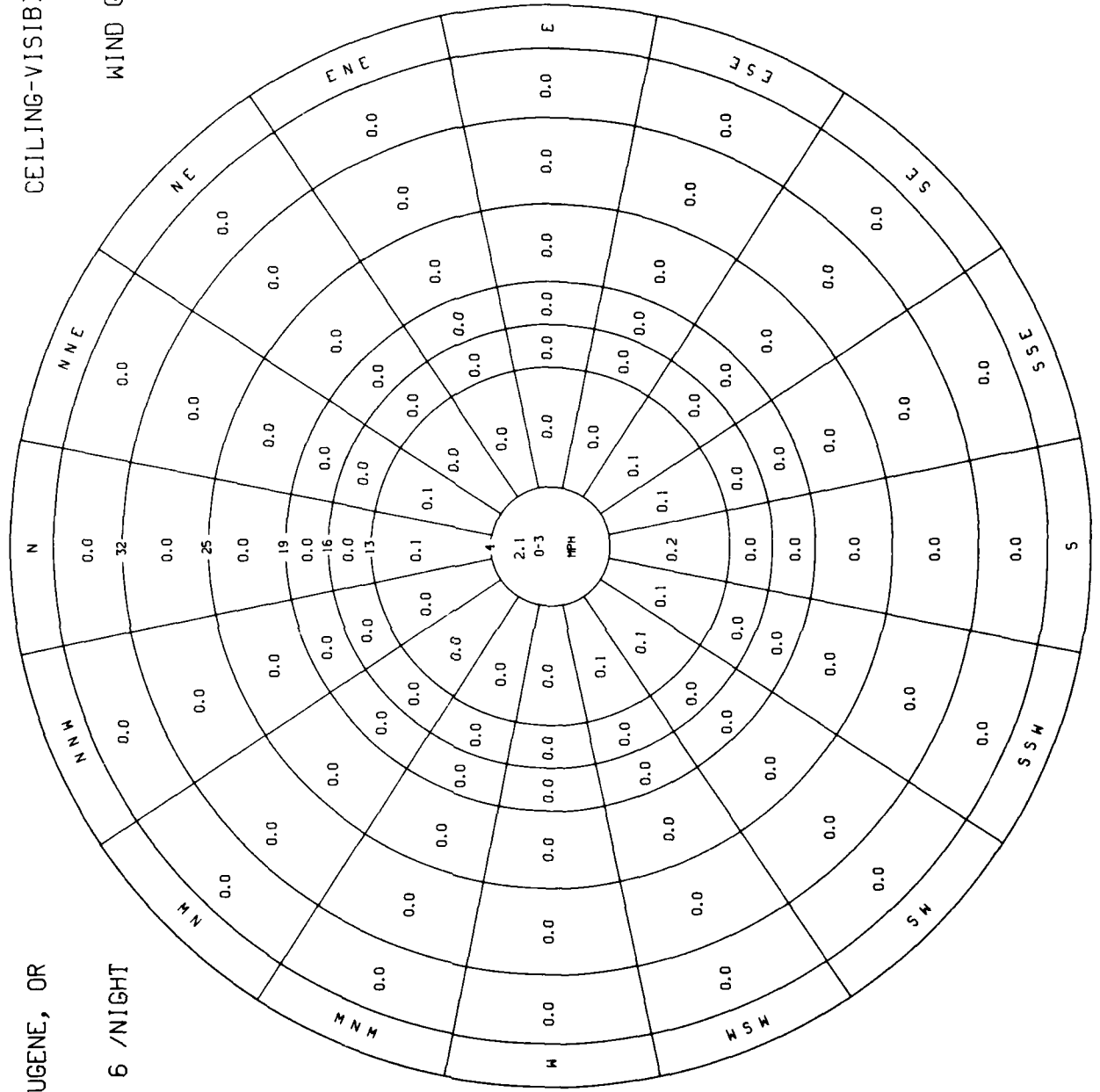
CLASS 6 / DAY

NO. OBS.: 427

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.2	.1	5.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.0	6.5
NNE	.0	.9	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	5.6
NE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.6
ENE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.2
E	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.0
ESE	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.7
SE	.0	2.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.3
SSE	.0	1.2	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.7
S	.1	7.0	.1	7.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	14.1	4.2
SSW	.0	2.1	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	4.6
SW	.0	2.1	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	4.9
WSW	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.3
W	.0	.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.9
WNW	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.1
NW	.0	.5	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.3
NNW	.0	.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.3
CALM	.6	44.0													.6	44.0	
TOTAL	9	66.7	4	33.0	0	.0	.0	.2	.0	.0	.0	.0	.0	.0	13	100	2.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: EUG EUGENE, OR

PERIOD: 1948-1978

CLASS 6 / NIGHT

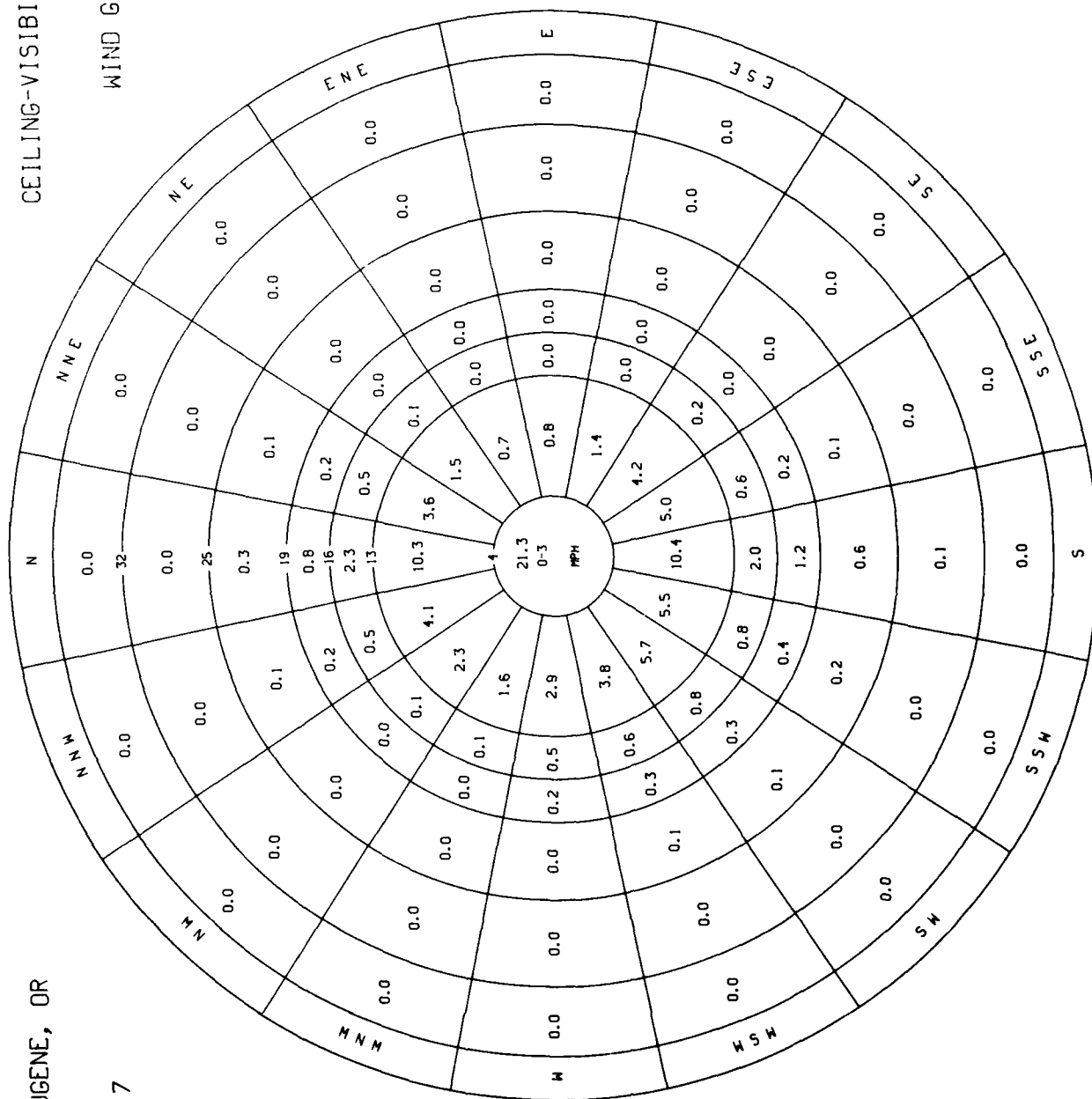
STATION NUMBER: 24221

NO. OBS.: 847

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	2.5	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.4	5.4
NNE	.0	1.5	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	4.8
NE	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	3.7
ENE	.0	.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.3
E	.0	1.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	3.8
ESE	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	4.1
SE	.1	3.3	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.7	3.8
SSE	.1	1.8	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.9	4.6
S	.2	4.7	.2	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.1	4.4
SSW	.1	1.9	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	10.9	4.8
SW	.1	2.5	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.6	4.6
WSW	.1	2.4	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	4.1
W	.0	1.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	3.6
WNW	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.7
NW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.6
NNW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	4.6
CALM	1.2	39.2														1.2	39.2	
TOTAL	2.1	67.3	1.0	32.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	100	2.7

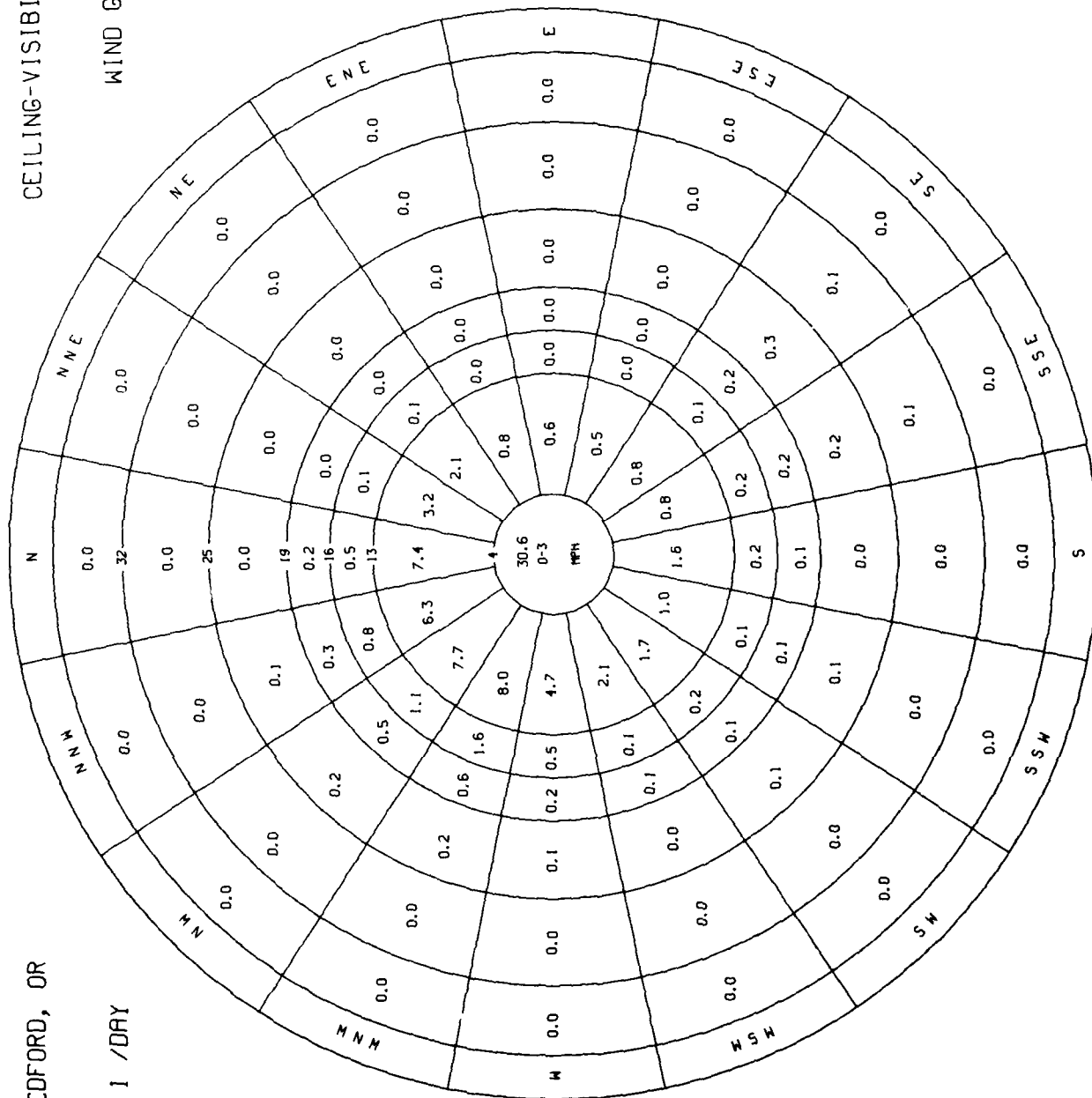
CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY
WIND GRAPH

MFR MEDFORD, OR
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: MFR MEDFORD, OR

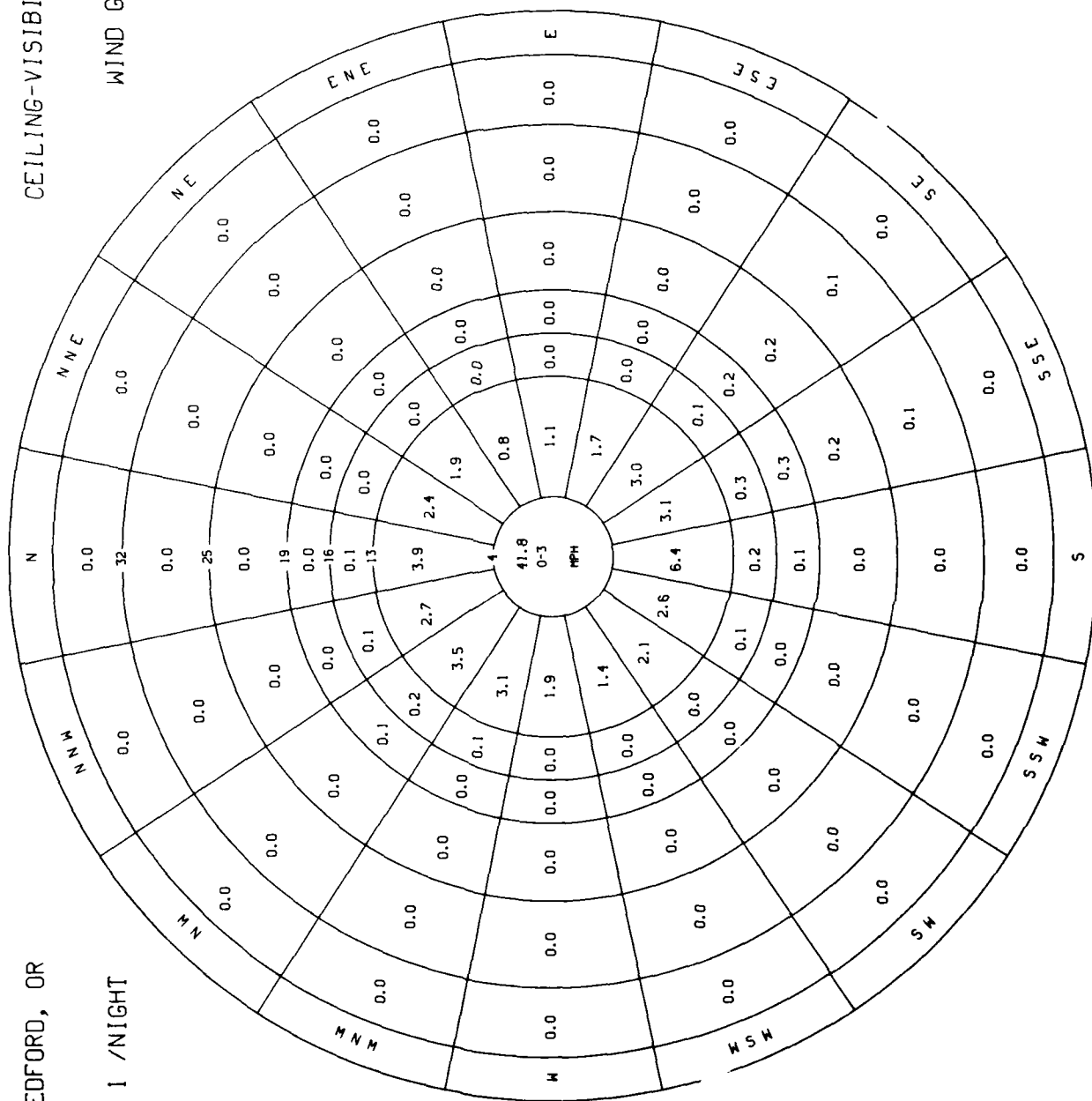
CLASS 1 / DAY

NO. OBS.: 44085

STATION NUMBER: 24225

D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	1.6	1.8	7.4	8.3	.5	.6	.2	.2	.0	.1	.0	.0	.0	.0	9.8	10.9	7.0					
NNE	.8	.9	3.2	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.6	6.3					
NE	.7	.8	2.1	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.2	5.8					
ENE	.3	.3	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.3	5.6					
E	.3	.4	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	5.3					
ESE	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	6.1					
SE	.4	.5	.8	.9	.1	.2	.2	.2	.3	.3	.1	.2	.0	.0	2.1	2.3	11.2					
SSE	.3	.3	.8	.9	.2	.2	.2	.3	.2	.2	.1	.1	.0	.0	1.8	2.0	10.7					
S	.6	.7	1.6	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.7	6.6					
SSW	.5	.5	1.0	1.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.7	1.9	7.2					
SW	.7	.8	1.7	1.8	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	2.7	3.0	6.9					
WSW	.7	.7	2.1	2.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.3	6.7					
W	1.1	1.2	4.7	5.2	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	6.5	7.2	7.5					
WNW	.9	1.0	8.0	8.9	1.6	1.7	.6	.6	.2	.2	.0	.0	.0	.0	11.2	12.5	9.1					
NW	1.2	1.4	7.7	8.5	1.1	1.3	.5	.6	.2	.2	.0	.0	.0	.0	10.8	12.0	8.5					
NNW	1.0	1.1	6.3	7.1	.8	.9	.3	.4	.1	.1	.0	.0	.0	.0	8.6	9.5	8.2					
CALM	19.3	21.4													19.3	21.4						
TOTAL	30.6	34.0	49.5	55.0	5.6	6.3	2.6	2.8	1.3	1.5	.3	.3	.1	.1	89.9	100	6.1					

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MFR MEDFORD, OR

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 24225

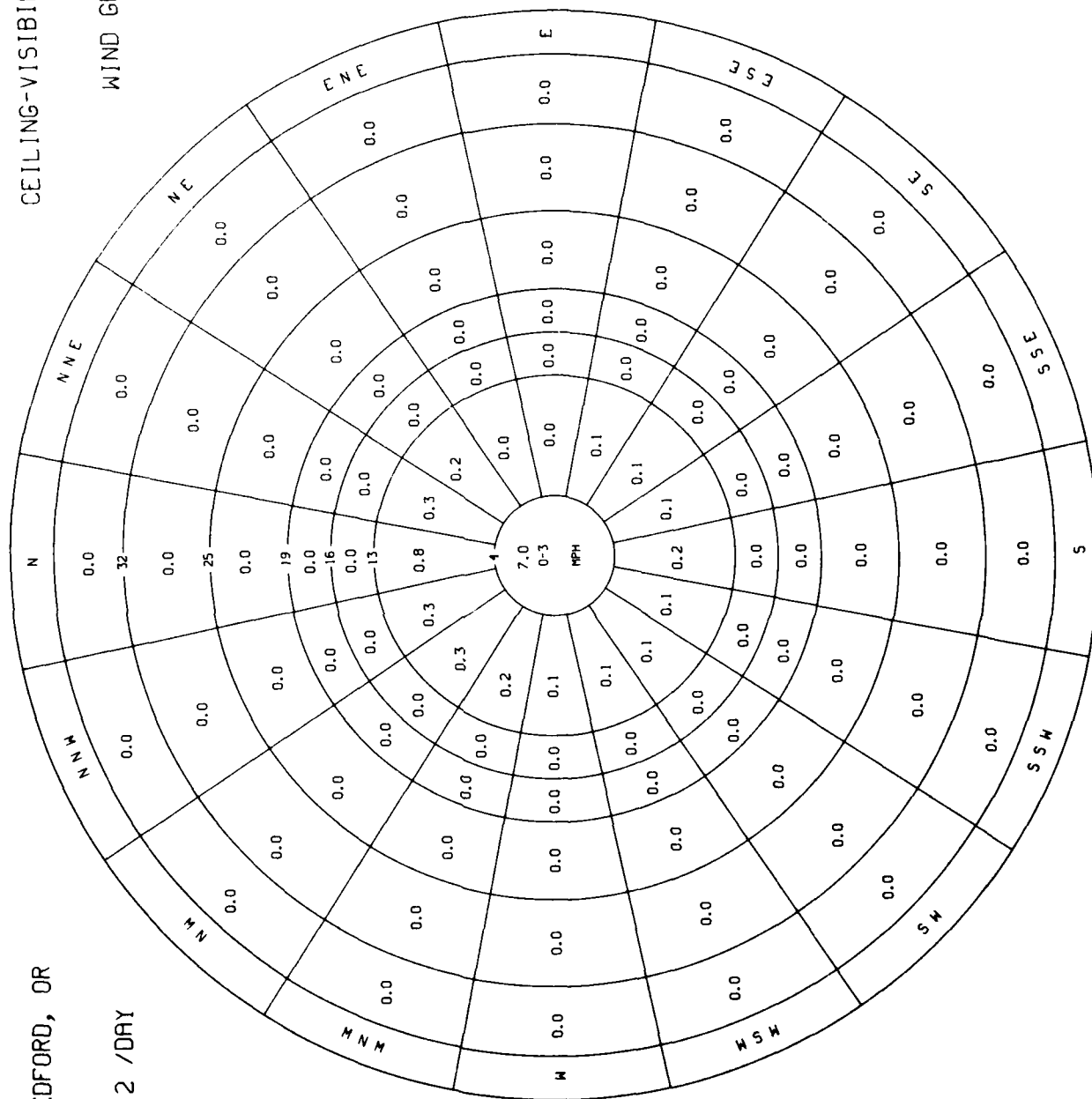
NO. OBS.: 35846

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	1.2	1.4	3.9	4.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.2	6.0	5.7		
NNE	.7	.8	2.4	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.5	5.8		
NE	.7	.8	1.9	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	3.1	5.4		
ENE	.4	.5	.8	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	5.2		
E	.6	.7	1.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	2.0	4.9		
ESE	.5	.6	1.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.6	5.5		
SE	1.1	1.3	3.0	3.5	.1	.2	.2	.2	.2	.3	.1	.1	.0	.0	4.8	5.6	7.2		
SSE	.9	1.1	3.1	3.5	.3	.3	.3	.3	.2	.3	.1	.1	.0	.0	4.9	5.6	8.1		
S	1.8	2.1	6.4	7.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.5	9.8	6.1		
SSW	.9	1.1	2.6	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.3	5.9		
SW	1.1	1.2	2.1	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.7	5.3		
WSW	.6	.7	1.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.4	5.5		
W	.9	1.0	1.9	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	3.2	5.3		
WNW	.6	.7	3.1	3.6	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.5	6.8		
NW	.8	1.0	3.5	4.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.6	5.4	6.6		
NNW	.6	.7	2.7	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.9	6.2		
CALM	28.4	32.9													28.4	32.9			
TOTAL	41.8	48.4	41.5	48.1	1.3	1.6	.8	1.0	.6	.7	.2	.3	.1	.1	86.3	100	4.2		

MFR MEDFORD, OR

WIND GRAPH

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: MFR MEDFORD, OR

CLASS 2 / DAY

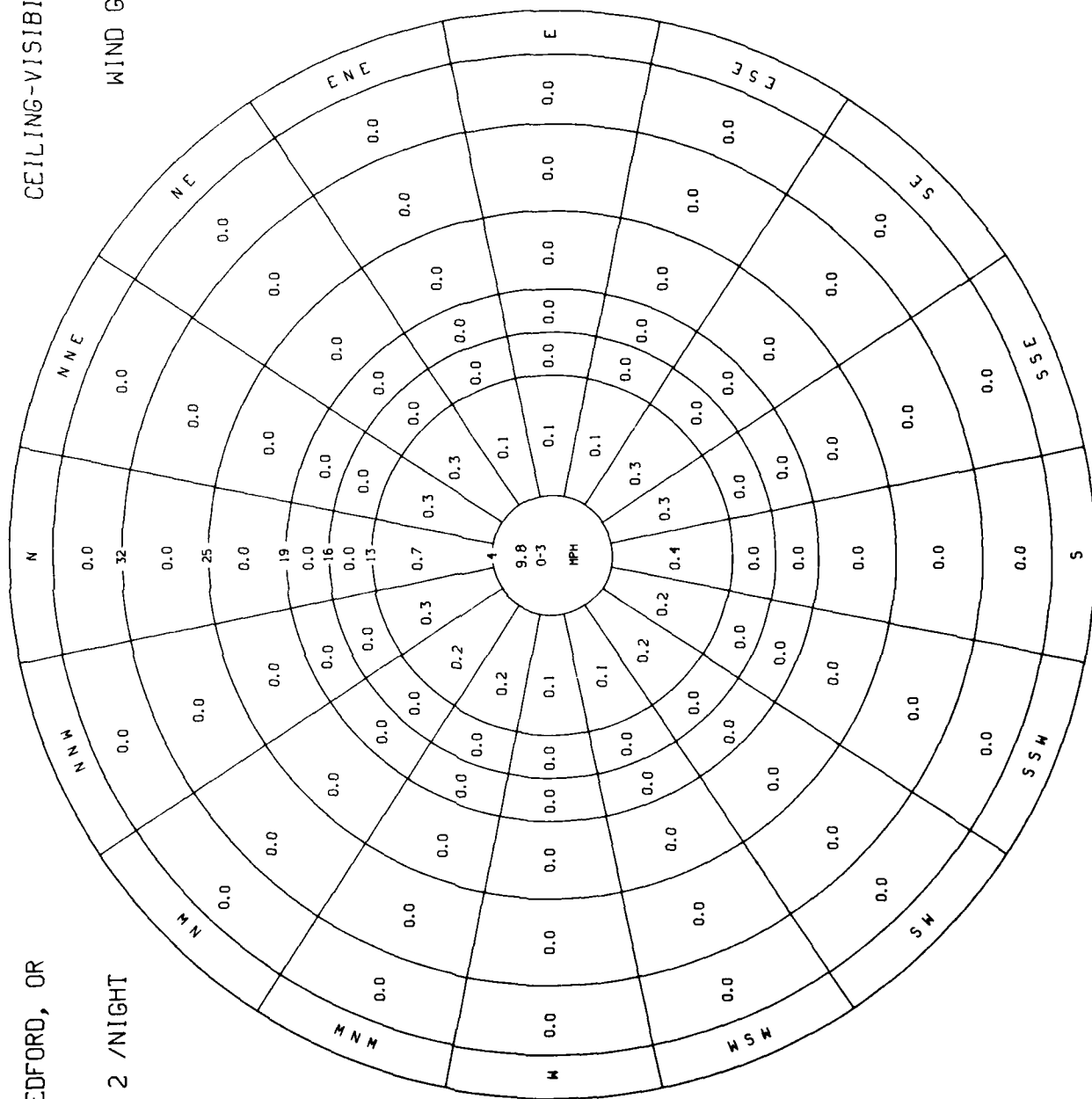
NO. OBS.: 4940

STATION NUMBER: 24225

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.3	2.6	.8	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	10.2	5.3
NNE	.1	1.1	.3	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.9	5.1
NE	.1	1.0	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.6	4.7
ENE	.1	.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.3
E	.1	.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.2
ESE	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.8
SE	.1	.8	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	4.8
SSE	.1	.6	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	5.2
S	.1	1.1	.2	2.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.3	3.2	5.0
SSW	.1	.7	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	5.3
SW	.1	1.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	3.9
WSW	.1	.7	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	4.3
W	.1	1.3	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	4.4
WNW	.1	1.3	.2	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.6	4.9
NW	.2	2.3	.3	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.5	4.6
NNW	.2	2.2	.3	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.3	4.8
CALM	5.1	50.9													5.1	50.9	2.4
TOTAL	7.0	69.0	3.1	30.5	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	10.1	100	

CEILING-VISIBILITY

WIND GRAPH



MFR MEDFORD, OR

CLASS 2 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MFR MEDFORD, OR

PERIOD: 1948-1978

CLASS 2 / NIGHT

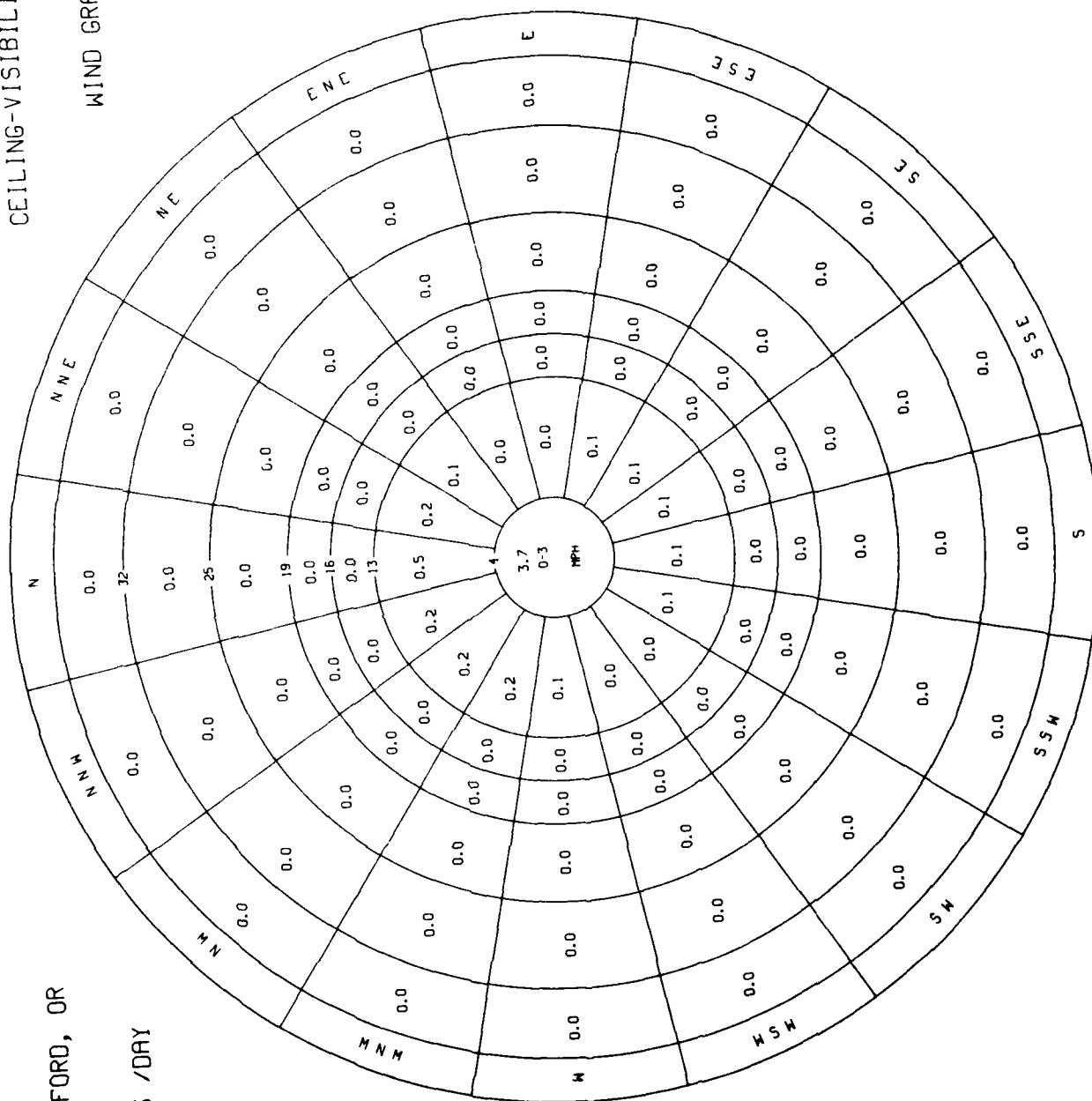
STATION NUMBER: 24225

NO. OBS.: 5676

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.8	.7	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 6.8
NNE	.1	1.0	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.5
NE	.1	.8	.3	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 2.7
ENE	.1	.5	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
E	.1	.8	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.7
ESE	.1	.5	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.6
SE	.1	1.0	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.5
SSE	.1	.9	.3	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 2.9
S	.3	1.9	.4	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 5.1
SSW	.1	.7	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.9
SW	.2	1.2	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.4
WSW	.1	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.2
W	.1	1.0	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.0
WNW	.1	.9	.2	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.1
NW	.2	1.3	.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.0
NNW	.1	1.0	.3	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.0
CALM	7.6	55.6													7.6 55.6
TOTAL	9.8	71.4	3.9	28.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	13.7 100

CEILING-VISIBILITY

WIND GRAPH



MFR MEDFORD, OR

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: MFR MEDFORD, OR

CLASS 3 / DAY

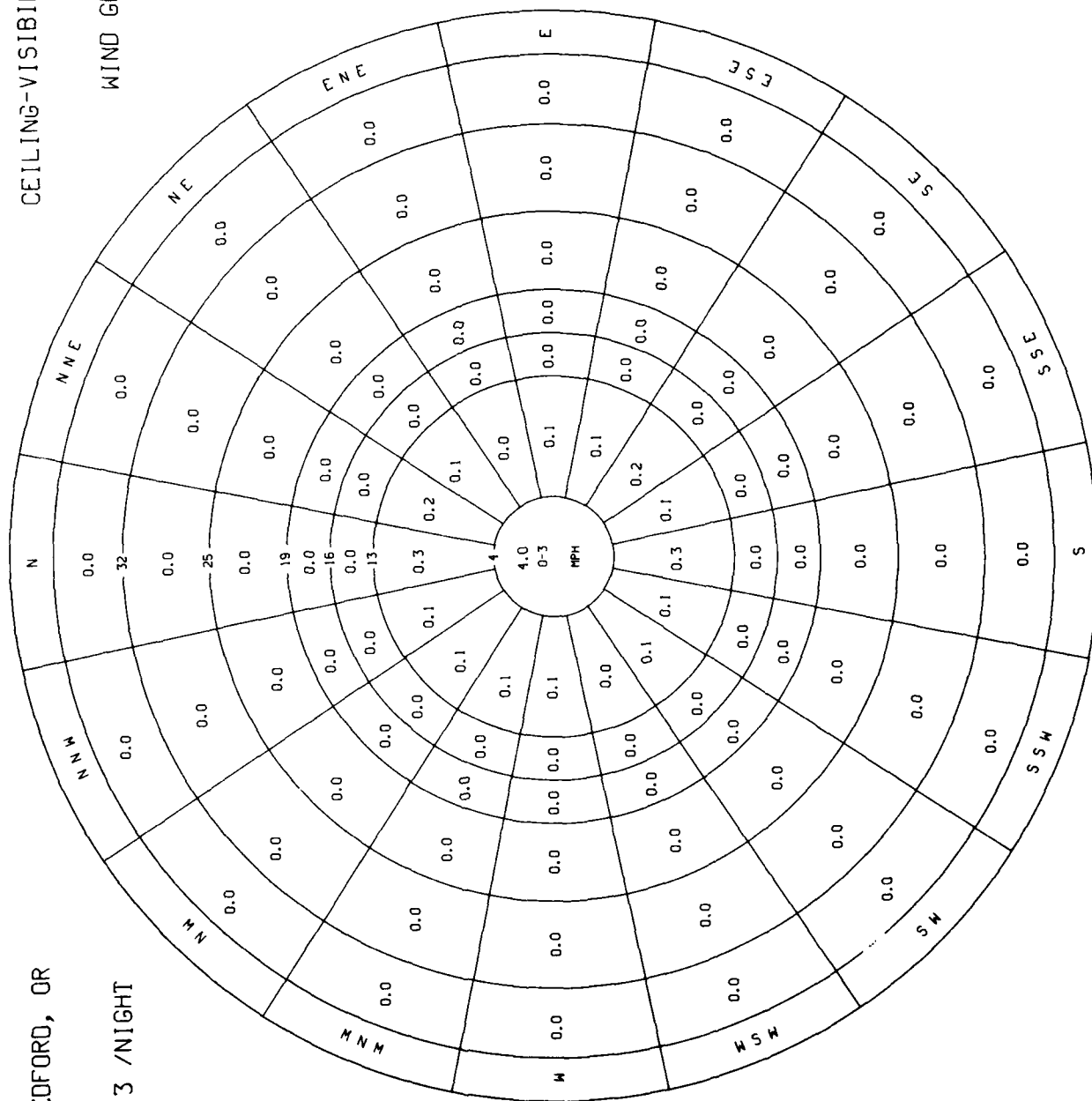
NO. OBS.: 2841

STATION NUMBER: 24225

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	2.7	.5	8.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	11.2	5.3
NNE	.1	1.1	.2	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.3	5.4
NE	.1	1.0	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.8	5.0
ENE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.5
E	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	4.7
ESE	.0	.3	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.0
SE	.0	.6	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.3
SSE	.0	.5	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	5.7
S	.1	1.1	.1	2.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.3	5.3
SSW	.0	.7	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	5.8
SW	.1	.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	4.1
WSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	4.2
W	.1	1.3	.1	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	4.6
WNW	.1	1.3	.2	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.0	4.9
NW	.1	2.1	.2	3.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.1	5.0
NNW	.1	2.4	.2	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.3	5.0
CALM	2.7	46.9													2.7	46.9	
TOTAL	3.7	64.7	2.0	34.6	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	5.8	100	2.7

CEILING-VISIBILITY

WIND GRAPH



MFR MEDFORD, OR

CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MFR MEDFORD, OR

PERIOD: 1948-1978

CLASS 3 / NIGHT

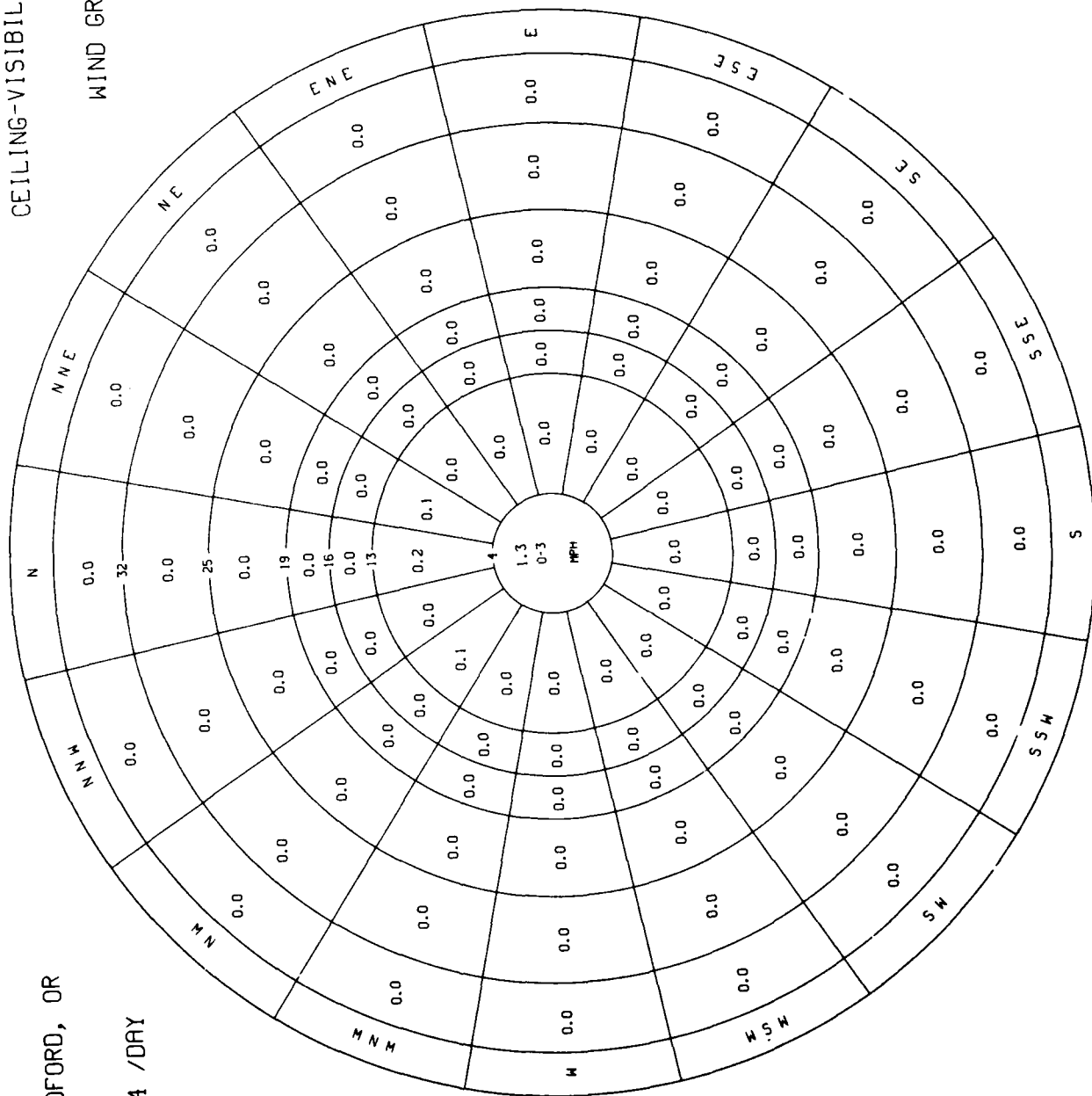
STATION NUMBER: 24225

NO. OBS.: 2549

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	1.9	.3	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	7.3	5.2
NNE	.1	1.1	.2	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.2	5.3
NE	.0	.7	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	5.1
ENE	.0	.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.1
E	.1	.8	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	4.6
ESE	.0	.7	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	4.7
SE	.1	.9	.2	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.2	5.1
SSE	.1	1.0	.1	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.5	5.5
S	.1	2.0	.3	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.2	5.2
SSW	.0	.8	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.5	4.9
SW	.1	1.1	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	4.1
WSW	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	5.3
W	.0	.8	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.2	5.3
WNW	.0	.7	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	5.2
NW	.1	1.6	.1	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.6	4.9
NNW	.0	.8	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.1	5.1
CALM	3.0	49.4														3.0	49.4	
TOTAL	4.0	65.3	2.1	34.1	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	6.1	100	2.5

CEILING-VISIBILITY

WIND GRAPH



MFR MEDFORD, OR

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: MFR MEDFORD, OR

CLASS 4 / DAY

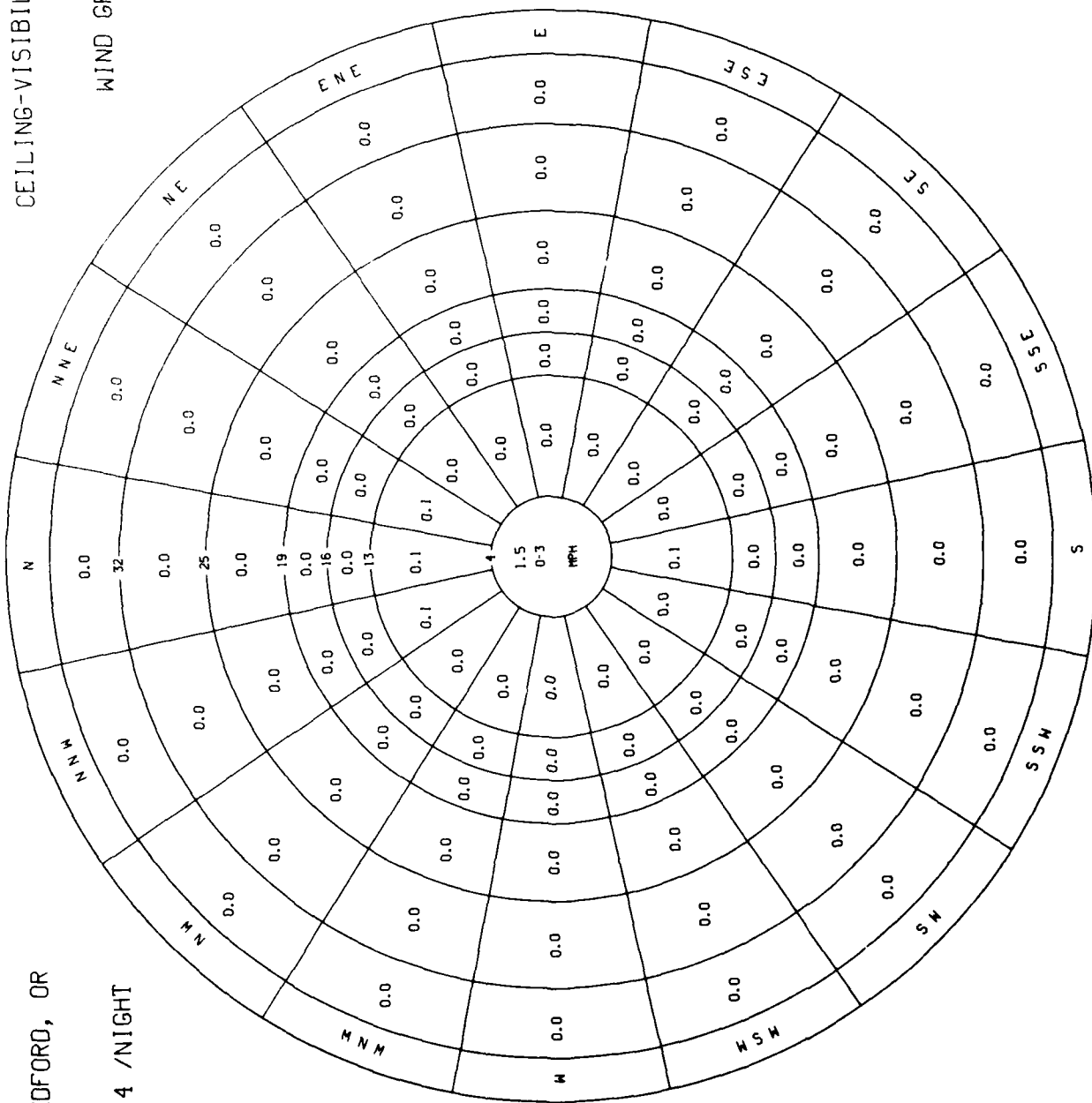
NO. OBS.: 927

STATION NUMBER: 24225

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	3.2	.2	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 11.2
NNE	.0	1.3	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.2
NE	.0	1.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
ENE	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
E	.0	1.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
ESE	.0	.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SE	.0	1.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
SSE	.0	.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
S	.0	1.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
SSW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SW	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
WSW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
W	.0	1.2	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
WNW	.0	1.3	.0	2.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1 3.6
NW	.1	3.2	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.1
NNW	.0	2.0	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.4
CALM	.9	49.9													.9 49.9
TOTAL	1.3	70.6	.6	29.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	1.9 100
															2.3

CEILING-VISIBILITY

WIND GRAPH



MFR MEDFORD, OR

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MFR MEDFORD, OR

PERIOD: 1948-1978

CLASS 4 / NIGHT

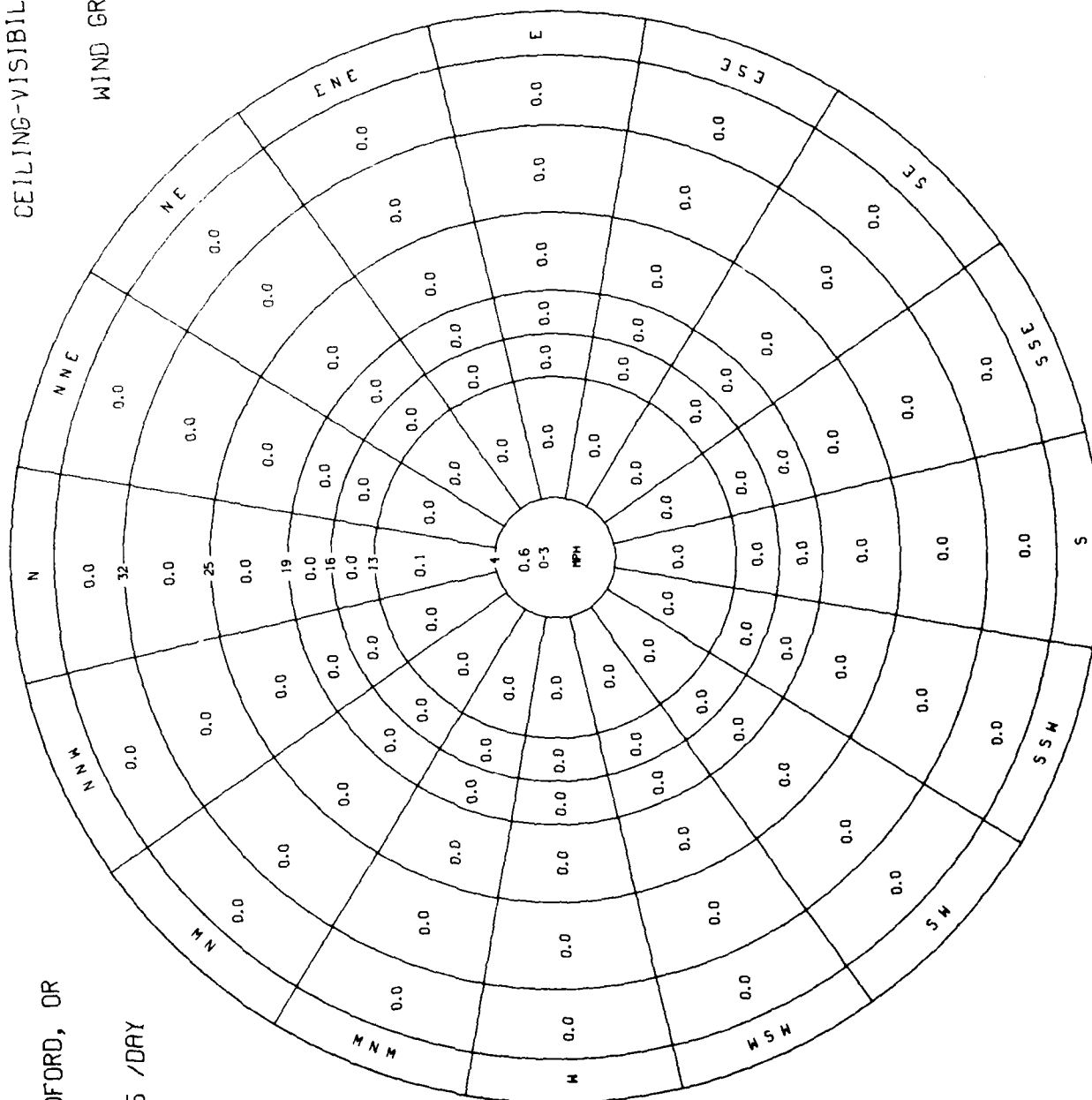
STATION NUMBER: 24225

NO. OBS.: 884

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.7	.1	6.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 8.1
NNE	.0	1.7	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.8
NE	.0	1.0	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
ENE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
E	.0	1.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
ESE	.0	.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
SE	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
SSE	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
S	.0	2.3	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.5
SSW	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
SW	.0	1.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
WSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
W	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
WNW	.0	.8	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NW	.0	.8	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
NNW	.0	1.6	.1	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.1
CALM	1.1	53.4													1.1 53.4
TOTAL	1.5	69.6	.6	30.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.1 100

WIND GRAPH

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: MFR MEDFORD, OR

CLASS 5 / DAY

NO. OBS.: 411

STATION NUMBER: 24225

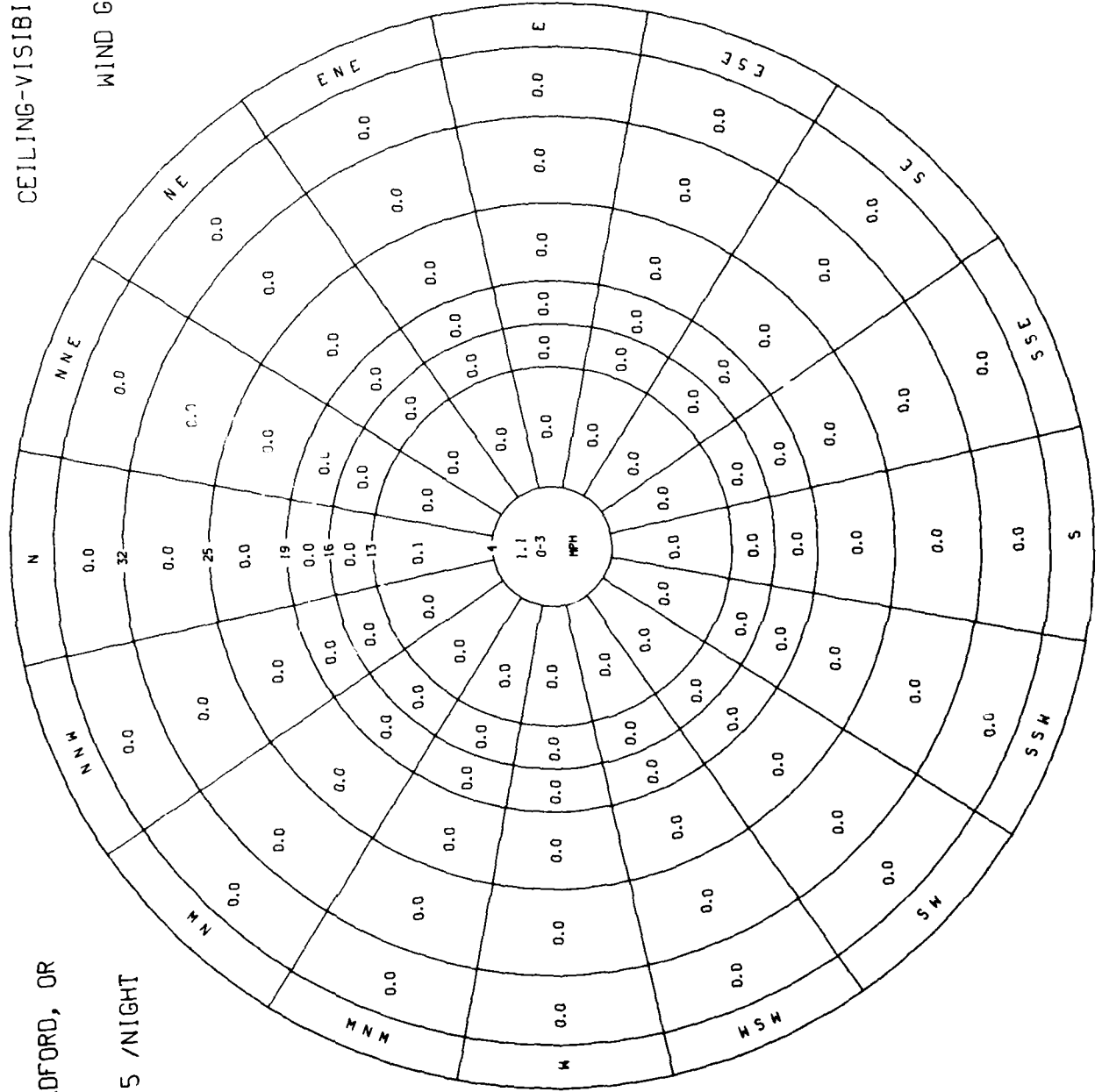
D I R	SPEED GROUPS (MPH)																					AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL							
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D						
N	.0	1.9	.1	6.6	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1	8.8	5.7					
NNE	.0	1.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.4					
N E	.0	.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.8					
ENE	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.6					
E	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0					
ESE	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.5					
SE	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.4					
SSE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.0					
S	.0	.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	4.8					
SSW	.0	.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.3					
SW	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.2					
WSW	.0	1.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.0					
W	.0	2.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.9					
WNW	.0	2.2	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	4.2					
NW	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	4.2					
NNW	.0	2.9	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	4.1					
CALM	.5	55.5													.5	55.5						
TOTAL	.6	74.0	.2	25.8	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.8	100	2.0					

CEILING-VISIBILITY

WIND GRAPH

MFR MEDFORD, OR

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: MFR MEDFORD, OR

CLASS 5 / NIGHT

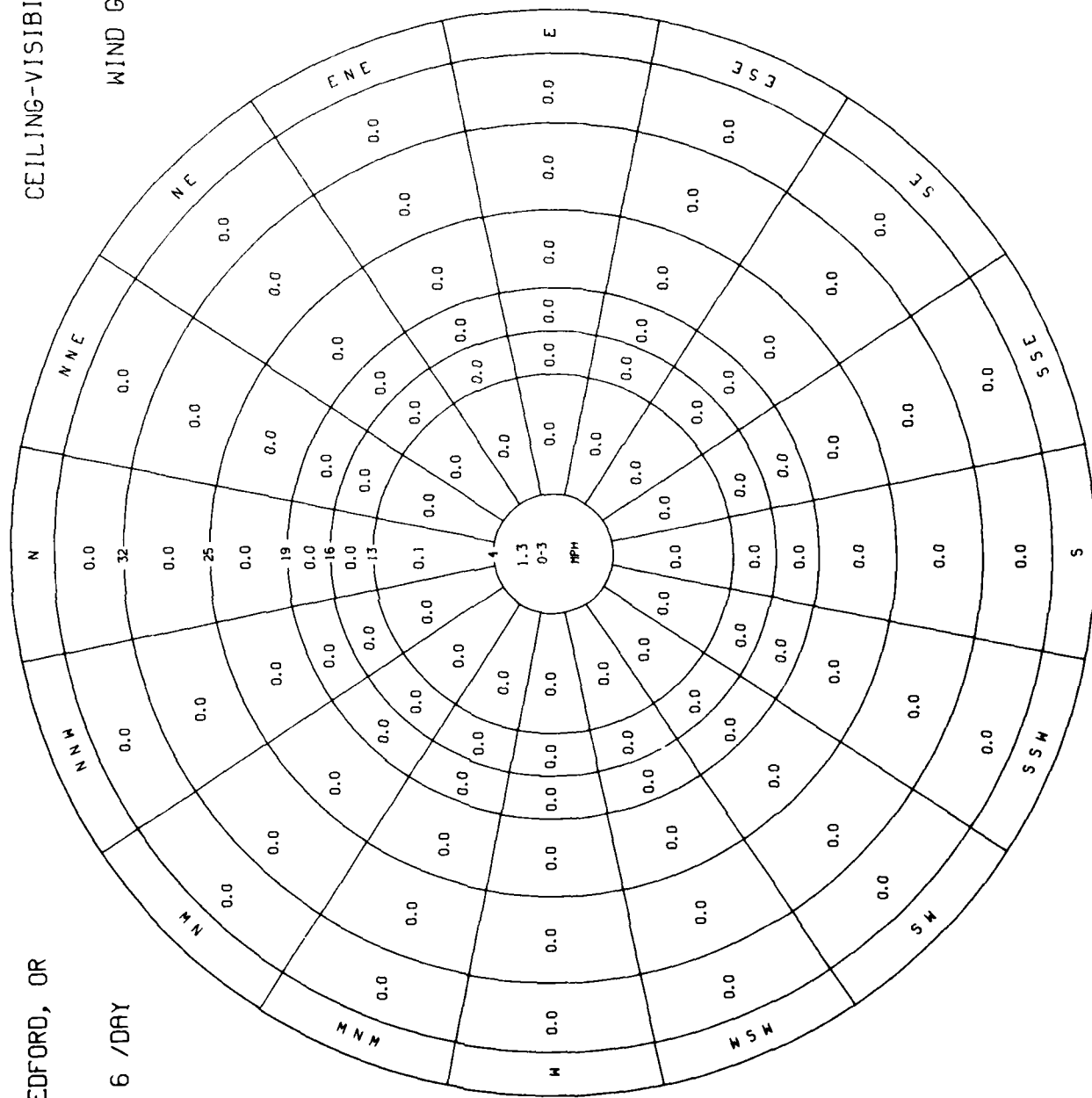
NO. OBS.: 629

STATION NUMBER: 24225

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.4	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.8
NNE	.0	.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.7
NE	.0	.6	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
ENE	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
E	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
ESE	.0	.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
SE	.0	.6	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
SSE	.0	1.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
S	.0	1.9	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
SSW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
SW	.0	1.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WSW	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
W	.0	1.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WNW	.0	.6	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
NW	.0	1.4	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
NNW	.0	1.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.1
CALM	.9	56.1													.9 56.1
TOTAL	1.1	74.4	.4	25.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 100
															2.0

CEILING-VISIBILITY
WIND GRAPH

MFR MEDFORD, OR
CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MFR MEDFORD, OR

PERIOD: 1948-1978

CLASS 6 / DAY

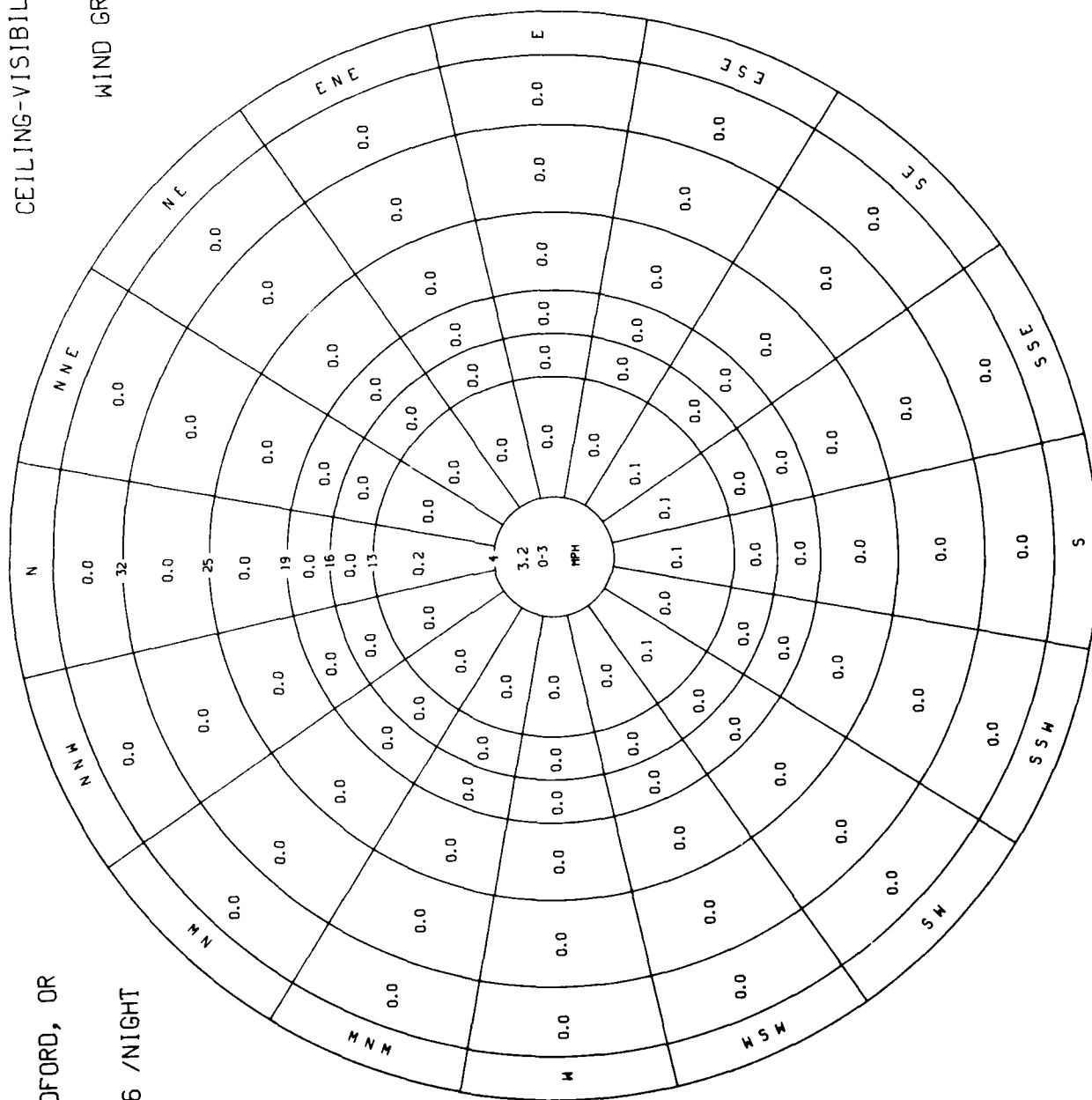
STATION NUMBER: 24225

NO. OBS.: 761

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.6	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.0	4.9
NNE	.0	.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.7
NNE	.0	1.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.7
ENE	.0	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.3
E	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
ESE	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.2
SE	.0	.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.2
SSE	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.4
S	.0	1.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.2
SSW	.0	.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.0
SW	.0	1.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.7
WSW	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	4.6
W	.0	1.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.7
WNW	.0	.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	3.9
NW	.0	2.1	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	3.9
NNW	.0	1.1	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	5.0
CALM	1.0	64.7													1.0	64.7	
TOTAL	1.3	80.6	.3	19.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	100	1.5

CEILING-VISIBILITY

WIND GRAPH



MFR MEDFORD, OR

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: MFR MEDFORD, OR

PERIOD: 1948-1978

CLASS 6 / NIGHT

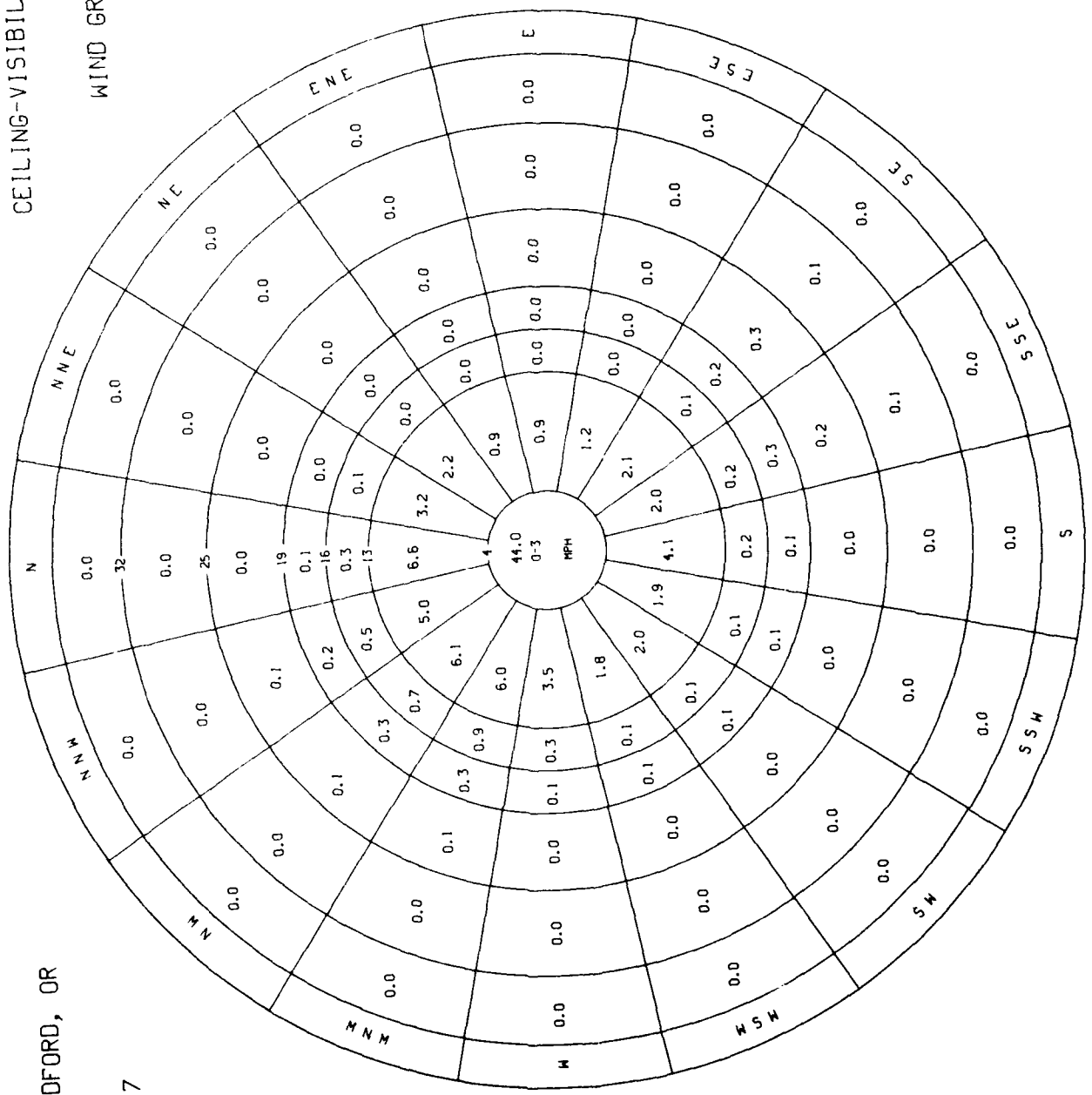
STATION NUMBER: 24225

NO. OBS.: 1614

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.4	.2	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.3
NNE	.0	.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
NE	.0	.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.0
ENE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
E	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
ESE	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
SE	.1	1.3	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
SSE	.0	.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
S	.1	1.6	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
SSW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
SW	.0	1.2	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
WSW	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
W	.0	1.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
WNW	.0	1.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
NW	.0	1.1	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.0
NNW	.0	.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
CALM	2.6	66.5													2.6 66.5
TOTAL	3.2	81.0	.7	19.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9 100

CEILING-VISIBILITY

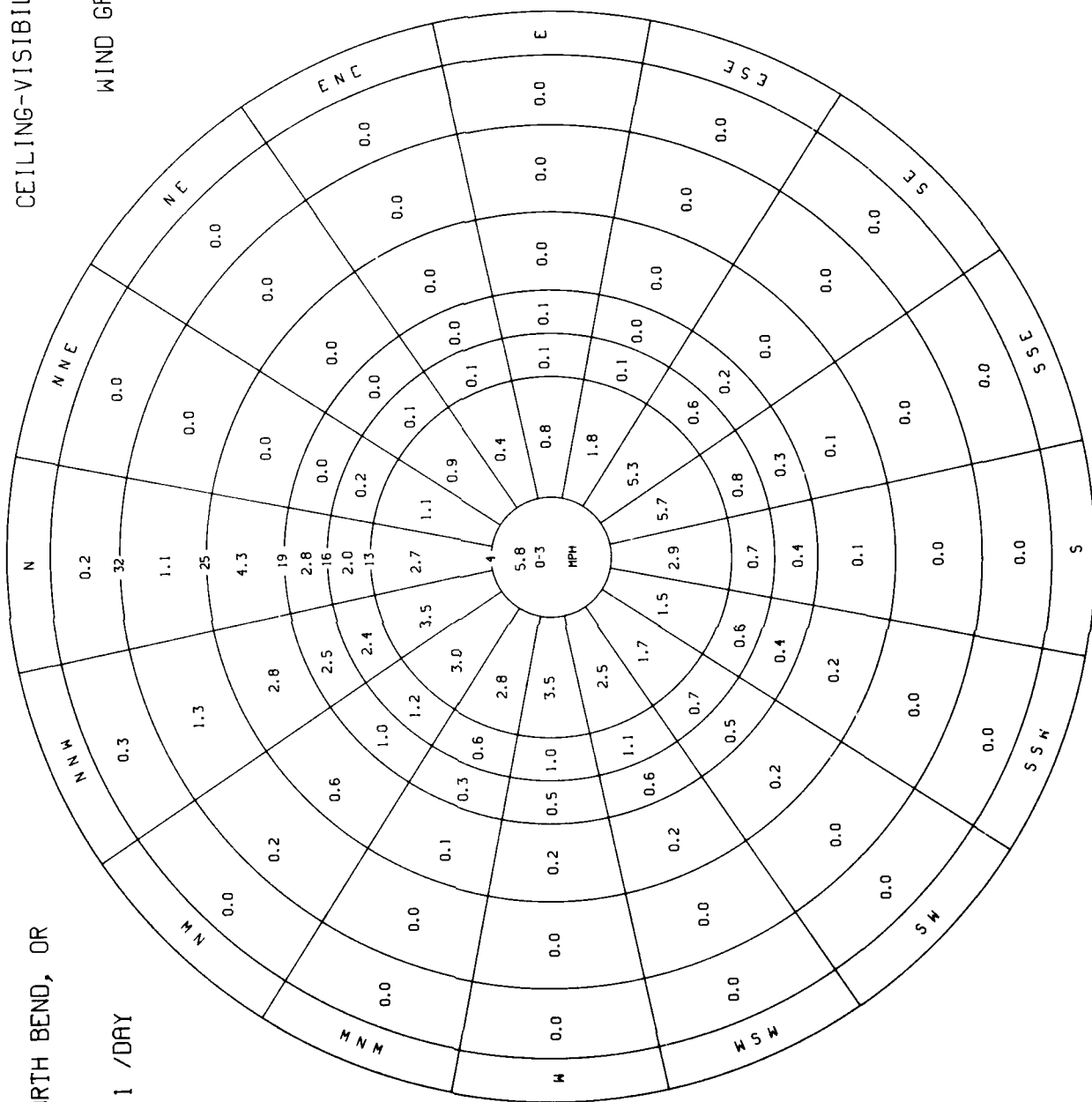
WIND GRAPH



MFR MEDFORD, OR

CLASS 7

CEILING-VISIBILITY
WIND GRAPH



OTH NORTH BEND, OR
CLASS 1 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 0TH NORTH BEND, OR

PERIOD: 1950-1978

CLASS 1 / DAY

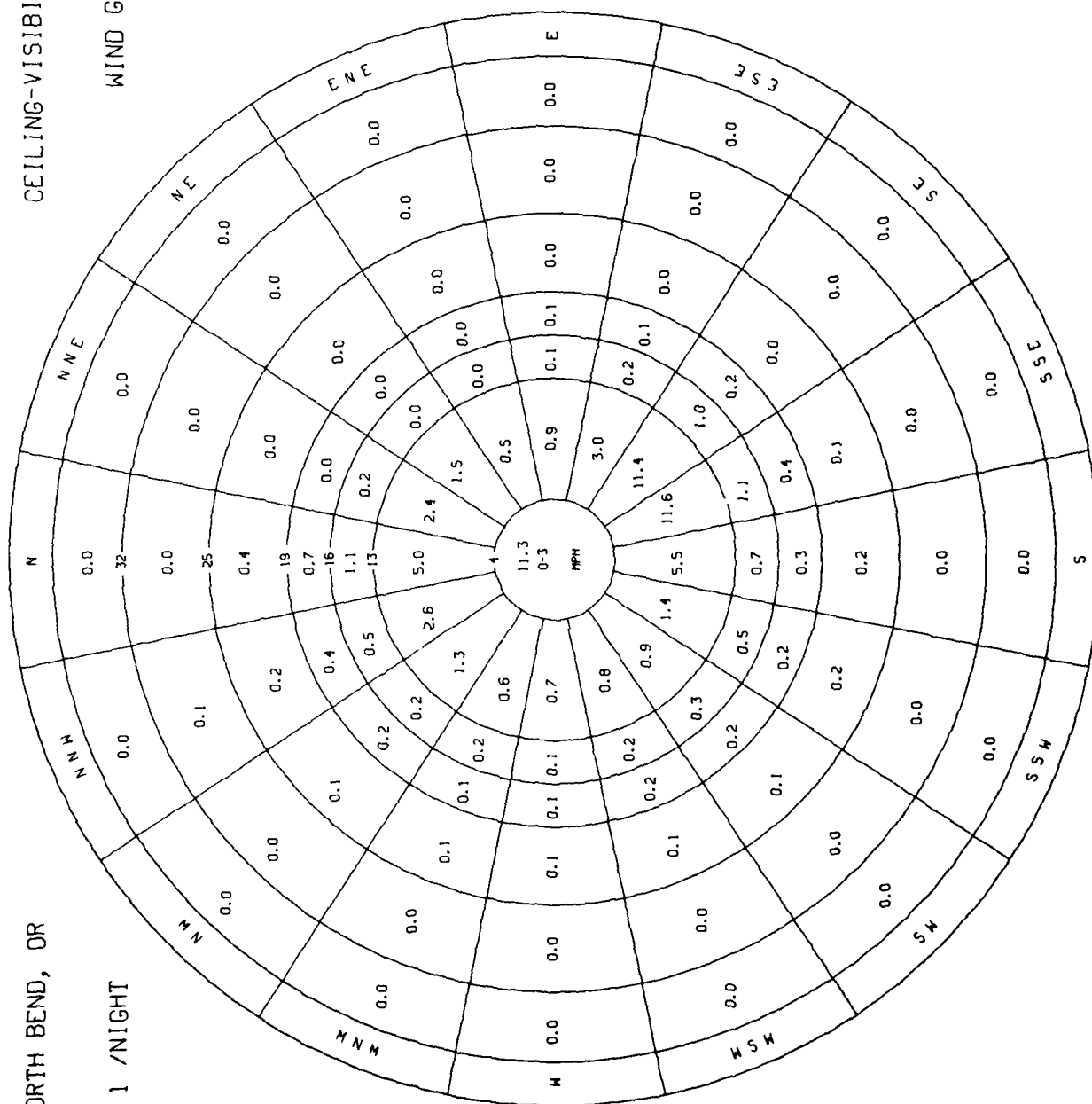
STATION NUMBER: 24284

NO. OBS.: 36187

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	.3	2.7	3.4	2.0	2.5	2.8	3.5	4.3	5.4	1.1	1.3	.2	.2	13.3	16.5	17.2
NNE	.1	.1	1.1	1.4	.2	.3	.0	.1	.0	.1	.0	.0	.0	.0	1.5	1.9	9.1
NE	.2	.3	.9	1.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.3	1.6	7.8
ENE	.1	.1	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	.7	8.4
E	.1	.2	.8	1.0	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.1	1.4	8.4
ESE	.2	.2	1.8	2.3	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.2	2.7	8.1
SE	.3	.4	5.3	6.6	.6	.8	.2	.2	.0	.1	.0	.0	.0	.0	6.4	8.0	8.9
SSE	.2	.3	5.7	7.0	.8	1.0	.3	.4	.1	.1	.0	.0	.0	.0	7.2	8.9	9.5
S	.2	.2	2.9	3.6	.7	.8	.4	.5	.1	.2	.0	.0	.0	.0	4.4	5.4	10.3
SSW	.1	.1	1.5	1.8	.6	.8	.4	.6	.2	.3	.0	.0	.0	.0	2.9	3.6	12.4
SW	.1	.1	1.7	2.1	.7	.9	.5	.6	.2	.2	.0	.0	.0	.0	3.2	4.0	12.0
WSW	.1	.2	2.5	3.1	1.1	1.3	.6	.7	.2	.2	.0	.0	.0	.0	4.5	5.6	11.8
W	.2	.2	3.5	4.4	1.0	1.3	.5	.6	.2	.2	.0	.0	.0	.0	5.4	6.8	11.0
WNW	.2	.2	2.8	3.5	.6	.8	.3	.3	.1	.1	.0	.0	.0	.0	4.0	5.0	10.4
NW	.2	.2	3.0	3.7	1.2	1.5	1.0	1.2	.6	.8	.2	.2	.0	.0	6.2	7.7	12.8
NNW	.2	.2	3.5	4.4	2.4	2.9	2.5	3.1	2.8	3.5	1.3	1.7	.3	.4	13.1	16.3	16.7
CALM	3.1	3.8													3.1	3.8	
TOTAL	5.8	7.3	40.1	49.9	12.4	15.5	9.6	12.0	9.1	11.3	2.8	3.5	.6	.7	80.4	100	12.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 0TH NORTH BEND, OR

PERIOD: 1950-1978

CLASS 1 / NIGHT

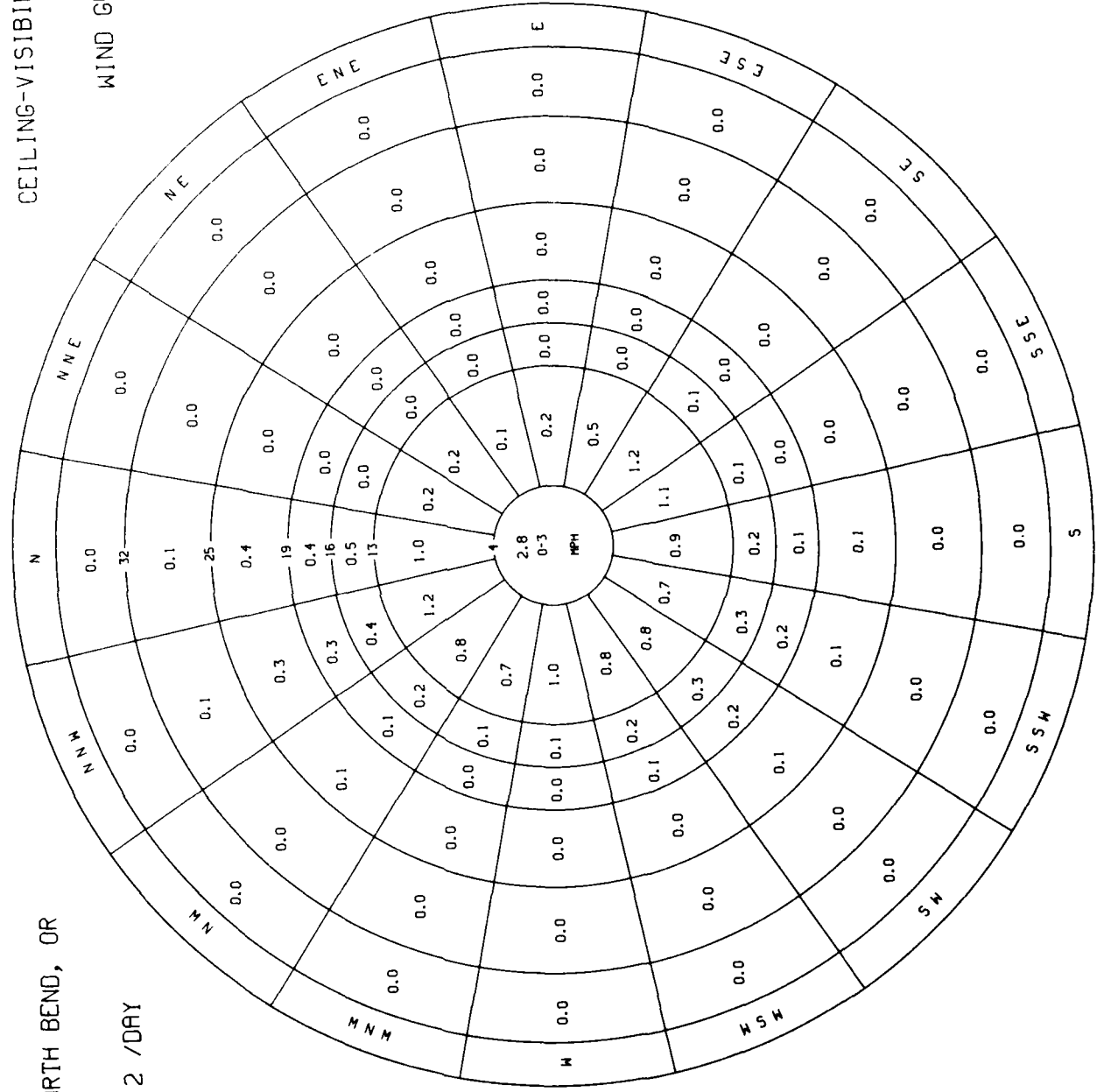
STATION NUMBER: 24284

NO. OBS.: 29069

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.5	5.0	6.9	1.1	1.5	.7	.9	.4	.5	.0	.1	.0	.0	7.6	10.3	10.3
NNE	.3	.3	2.4	3.3	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	3.0	4.1	7.8
NE	.3	.4	1.5	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	2.4	6.4
ENE	.1	.2	.5	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7	.9	6.9
E	.2	.3	.9	1.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.3	1.7	8.1
ESE	.4	.6	3.0	4.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.7	5.1	7.6
SE	.9	1.2	11.4	15.6	1.0	1.3	.2	.3	.0	.1	.0	.0	.0	.0	13.5	18.5	8.1
SSE	.6	.9	11.6	15.8	1.1	1.6	.4	.6	.1	.2	.0	.0	.0	.0	13.9	19.0	8.6
S	.5	.6	5.5	7.6	.7	.9	.3	.4	.2	.3	.0	.1	.0	.0	7.2	9.8	8.8
SSW	.1	.2	1.4	1.9	.5	.6	.2	.3	.2	.3	.0	.0	.0	.0	2.5	3.4	11.5
SW	.1	.2	.9	1.2	.3	.4	.2	.2	.1	.1	.0	.0	.0	.0	1.5	2.1	10.7
WSW	.1	.2	.8	1.0	.2	.3	.2	.3	.1	.2	.0	.1	.0	.0	1.4	1.9	11.4
W	.1	.2	.7	1.0	.1	.2	.1	.2	.1	.1	.0	.0	.0	.0	1.3	1.7	10.6
WNW	.1	.1	.6	.8	.2	.2	.1	.2	.1	.2	.0	.1	.0	.0	1.2	1.6	11.9
NW	.2	.2	1.3	1.8	.2	.2	.2	.2	.1	.2	.0	.0	.0	.0	2.0	2.7	9.9
NNW	.2	.2	2.6	3.5	.5	.7	.4	.6	.2	.3	.1	.1	.0	.0	4.0	5.4	10.8
CALM	6.8	9.2													6.8	9.2	
TOTAL	11.3	15.5	50.0	68.3	6.4	8.7	3.2	4.4	1.8	2.5	.4	.5	.1	.2	73.2	100	8.2

CEILING-VISIBILITY

WIND GRAPH



OTH NORTH BEND, OR

CLASS 2 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 01H NORTH BEND, OR

CLASS 2 / DAY

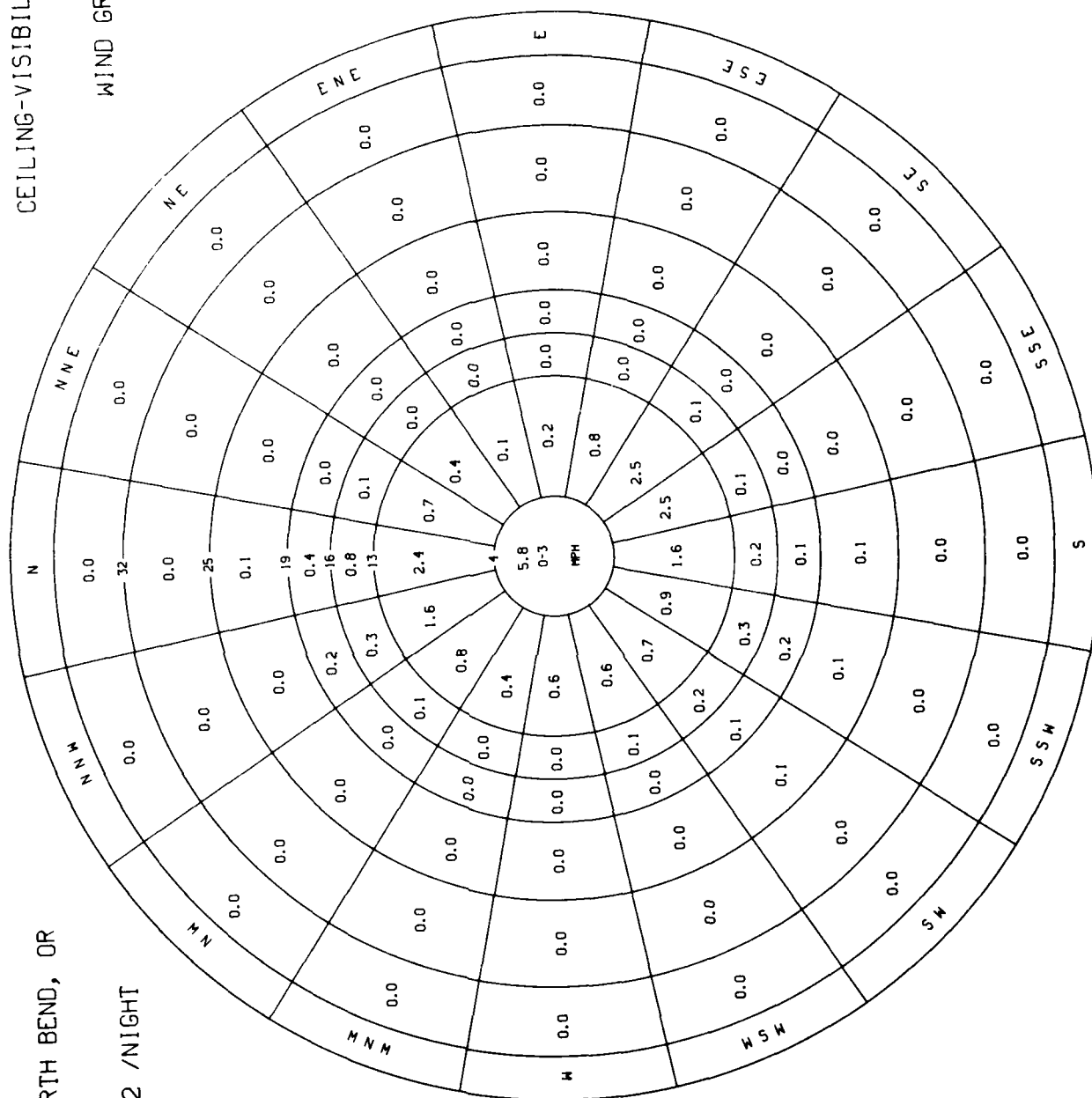
NO. OBS.: 8802

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.3	1.0	4.9	.5	2.5	.4	2.1	.4	2.1	.1	.5	.0	.0	2.4 12.4
NNE	.0	.2	.2	1.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 1.7
NE	.0	.2	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.2
ENE	.0	.2	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .6
E	.1	.3	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.1
ESE	.1	.4	.5	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.0
SE	.2	.8	1.2	6.1	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.5 7.5
SSE	.1	.6	1.1	5.6	.1	.5	.0	.2	.0	.1	.0	.0	.0	.0	1.4 7.0
S	.1	.6	.9	4.4	.2	1.0	.1	.6	.1	.4	.0	.0	.0	.0	1.4 7.0
SSW	.0	.2	.7	3.7	.3	1.7	.2	1.1	.1	.7	.0	.1	.0	.0	1.5 7.6
SW	.1	.4	.8	4.0	.3	1.5	.2	.8	.1	.4	.0	.1	.0	.0	1.4 7.3
WSW	.1	.3	.8	4.1	.2	.9	.1	.4	.0	.2	.0	.0	.0	.0	1.2 6.0
W	.1	.4	1.0	5.1	.1	.6	.0	.2	.0	.2	.0	.0	.0	.0	1.3 6.6
WNW	.1	.3	.7	3.7	.1	.5	.0	.1	.0	.1	.0	.1	.0	.0	.9 4.8
NW	.1	.6	.8	4.0	.2	.8	.1	.4	.1	.3	.0	.1	.0	.0	1.2 6.2
NNW	.1	.4	1.2	6.1	.4	2.2	.3	1.8	.3	1.3	.1	.4	.0	.0	2.4 12.2
CALM	1.5	7.9													1.5 7.9
TOTAL	2.8	14.3	11.2	57.4	2.5	12.8	1.6	8.0	1.2	5.9	.3	1.3	.0	.2	19.6 100
															9.7

CEILING-VISIBILITY

WIND GRAPH



OTH NORTH BEND, OR

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND, OR

CLASS 2 / NIGHT

NO. OBS.: 10647

STATION NUMBER: 24284

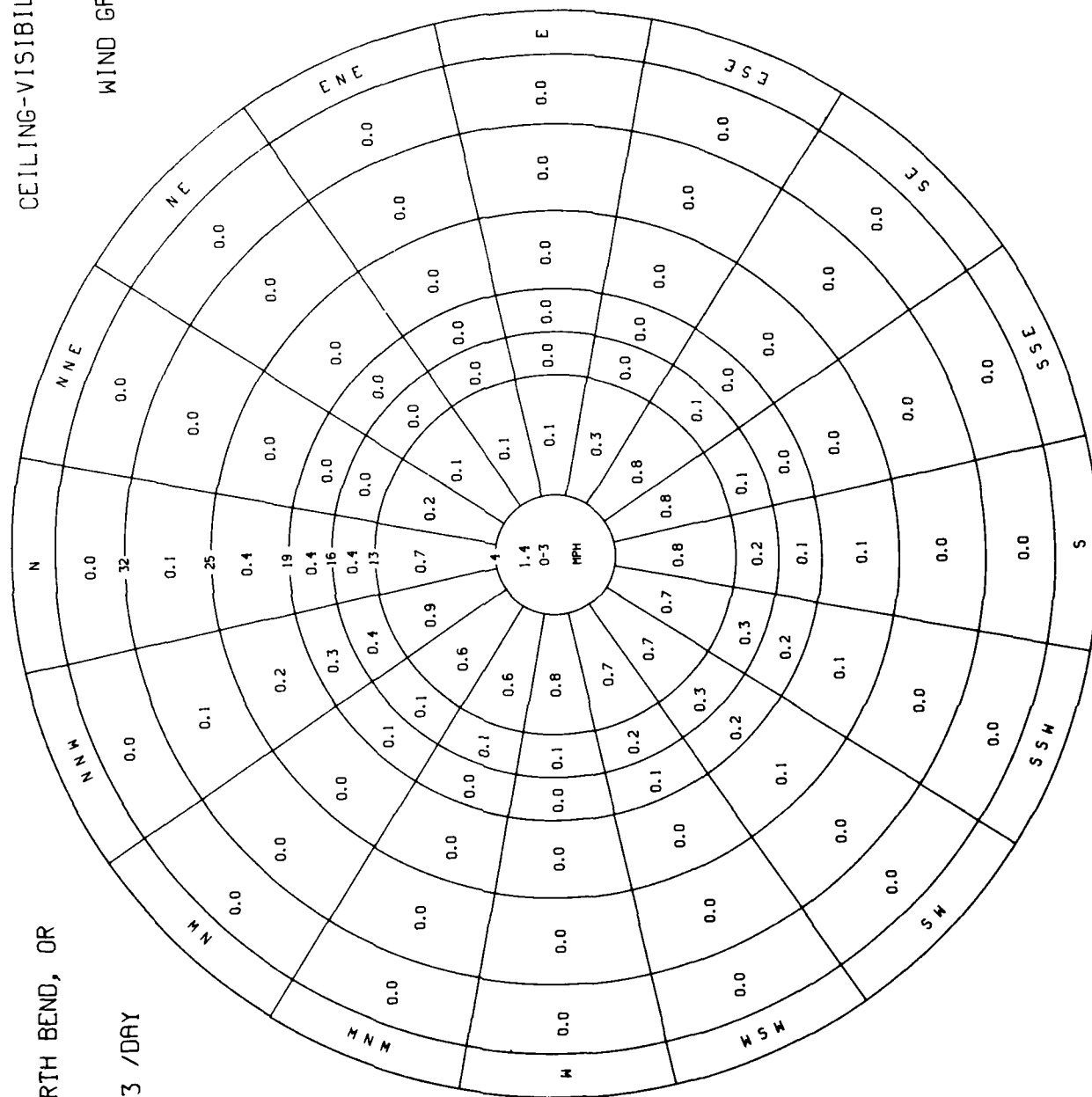
O I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.5	2.4	8.9	.8	2.8	.4	1.4	.1	.5	.0	.0	.0	.0	3.8	14.2	10.9
NNE	.1	.2	.7	2.6	.1	.2	.0	.2	.0	.0	.0	.0	.0	.0	.9	3.3	8.4
NE	.1	.3	.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.8	6.4
ENE	.0	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.7	5.7
E	.1	.3	.2	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.2	5.3
ESE	.2	.7	.8	3.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.8	6.4
SE	.4	1.5	2.5	9.5	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	3.1	11.4	7.0
SSE	.3	1.1	2.5	9.2	.1	.3	.0	.1	.0	.1	.0	.0	.0	.0	2.9	10.9	7.3
S	.3	1.0	1.6	6.0	.2	.7	.1	.5	.1	.2	.0	.0	.0	.0	2.3	8.5	8.2
SSW	.1	.5	.9	3.2	.3	1.1	.2	.9	.1	.3	.0	.1	.0	.0	1.6	6.1	11.1
SW	.2	.6	.7	2.4	.2	.7	.1	.5	.1	.3	.0	.0	.0	.0	1.2	4.5	10.3
WSW	.1	.5	.6	2.1	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.9	3.3	8.7
W	.1	.4	.6	2.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.8	2.9	7.1
WNW	.1	.4	.4	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6	2.3	7.9
NW	.1	.4	.8	3.1	.1	.3	.0	.1	.0	.1	.0	.0	.0	.0	1.1	4.0	7.8
NNW	.1	.4	1.6	5.9	.3	1.0	.2	.7	.0	.2	.0	.0	.0	.0	2.2	8.2	9.7
CALM	3.5	12.9													3.5	12.9	
TOTAL	5.8	21.8	16.8	62.7	2.2	8.3	1.3	4.8	.5	2.0	.1	.3	.0	.1	26.8	100	7.5

CEILING-VISIBILITY

WIND GRAPH

OTH NORTH BEND, OR

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 0TH NORTH BEND, OR

PERIOD: 1950-1978

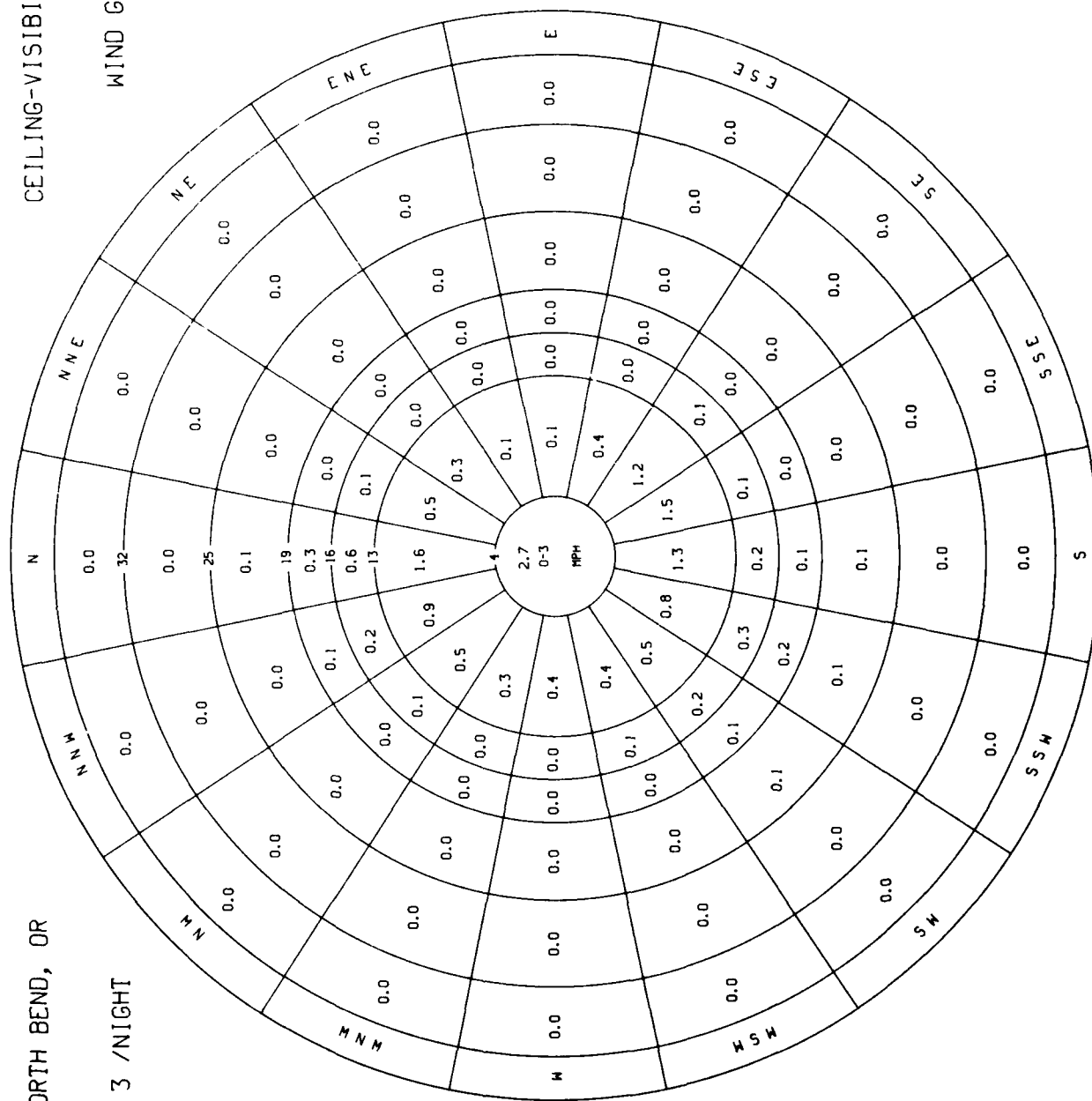
CLASS 3 / DAY

STATION NUMBER: 24284

NO. OBS.: 6779

D I R	SPEED GROUPS (MPH)																		AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	.2	.7	4.7	.4	2.7	.4	2.3	.4	2.4	.1	.5	.0	.0	1.9	12.8	14.7		
NNE	.0	.1	.2	1.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.2	1.6	9.2		
NE	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	6.7		
ENE	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	5.6		
E	.0	.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	6.1		
ESE	.0	.2	.3	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.3	7.2		
SE	.1	.6	.8	5.1	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.0	6.4	8.0		
SSE	.1	.4	.8	5.1	.1	.5	.0	.3	.0	.1	.0	.0	.0	.0	1.0	6.4	8.8		
S	.1	.5	.8	5.1	.2	1.3	.1	.8	.1	.5	.0	.0	.0	.0	1.2	8.1	10.5		
SSW	.0	.2	.7	4.5	.3	2.1	.2	1.4	.1	1.0	.0	.2	.0	.0	1.4	9.5	12.9		
SW	.1	.4	.7	4.8	.3	1.9	.2	1.1	.1	.6	.0	.1	.0	.0	1.3	8.9	11.7		
WSW	.1	.4	.7	4.5	.2	1.1	.1	.5	.0	.3	.0	.0	.0	.0	1.0	6.8	10.5		
W	.1	.4	.8	5.1	.1	.7	.0	.3	.0	.3	.0	.0	.0	.0	1.0	6.7	9.7		
WNW	.0	.2	.6	3.7	.1	.5	.0	.1	.0	.1	.0	.1	.0	.0	.7	4.9	9.6		
NW	.1	.5	.6	3.8	.1	.9	.1	.4	.0	.3	.0	.1	.0	.0	.9	6.0	10.5		
NNW	.0	.3	.9	5.8	.4	2.4	.3	2.0	.2	1.5	.1	.4	.0	.0	1.9	12.5	13.3		
CALM	.7	4.5													.7	4.5			
TOTAL	1.4	9.4	8.6	57.3	2.3	15.0	1.4	9.6	1.1	7.1	.2	1.5	.0	.2	15.1	100	10.7		

CEILING-VISIBILITY
WIND GRAPH



OTH NORTH BEND, OR
CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND, OR

CLASS 3 / NIGHT

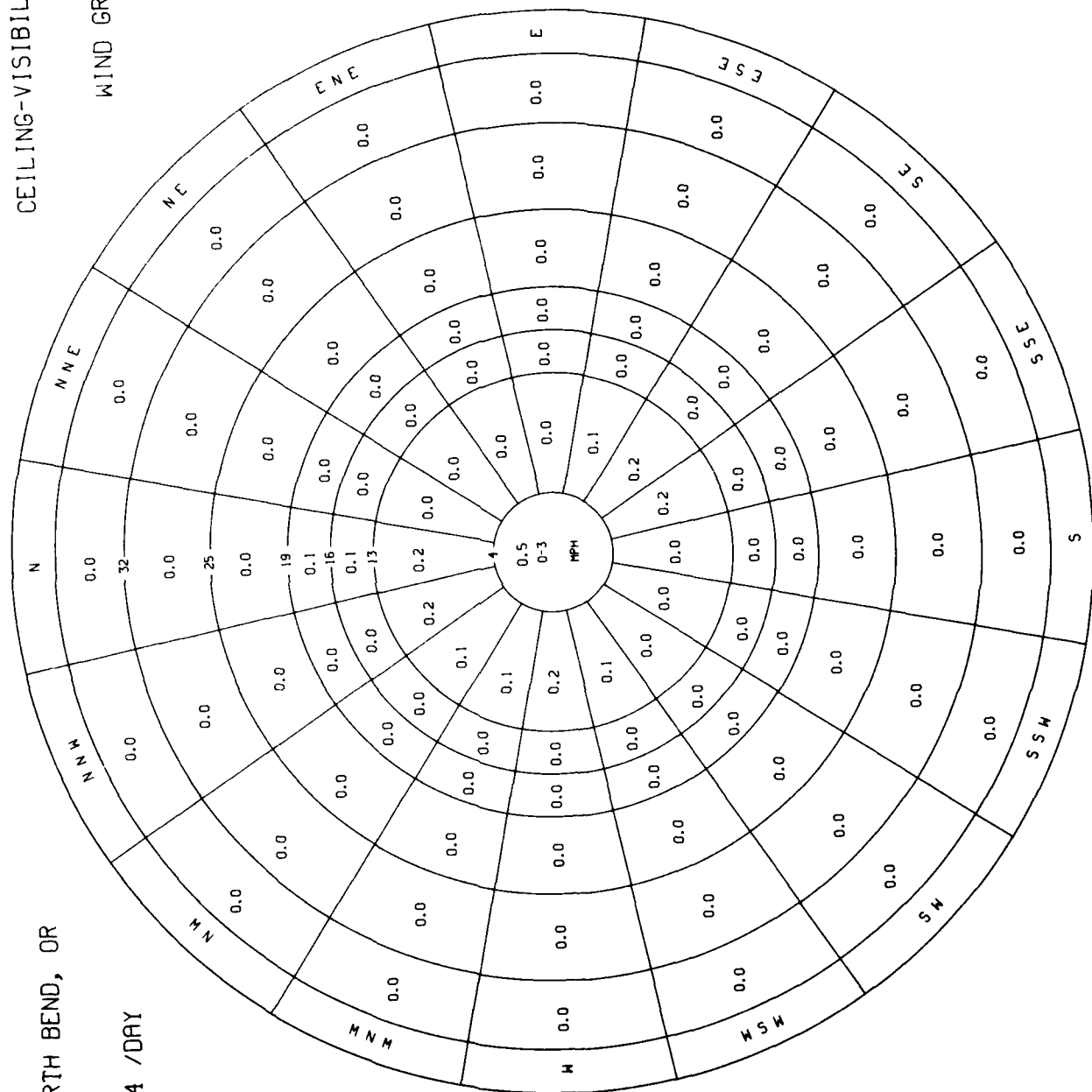
NO. OBS.: 6762

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.3	1.6	9.3	.6	3.2	.3	1.7	.1	.7	.0	.1	.0	.0	2.6	15.4	11.3
NNE	.0	.1	.5	2.9	.1	.3	.0	.2	.0	.0	.0	.0	.0	.0	.6	3.6	9.1
NE	.0	.1	.3	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0	7.0
ENE	.0	.1	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	6.1
E	.0	.2	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.1	5.8
ESE	.1	.4	.4	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.6	6.7
SE	.2	1.0	1.2	7.2	.1	.5	.0	.1	.0	.0	.0	.0	.0	.0	1.5	8.9	7.4
SSE	.2	.9	1.5	8.6	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	1.7	10.3	7.7
S	.2	1.0	1.3	7.4	.2	1.2	.1	.8	.1	.3	.0	.1	.0	.0	1.8	10.8	8.9
SSW	.1	.5	.8	4.6	.3	1.7	.2	1.4	.1	.5	.0	.1	.0	.0	1.5	9.0	11.5
SW	.1	.5	.5	3.2	.2	1.0	.1	.7	.1	.5	.0	.1	.0	.0	1.0	6.0	11.0
WSW	.1	.4	.4	2.4	.1	.6	.0	.3	.0	.2	.0	.1	.0	.0	.7	3.8	9.6
W	.0	.3	.4	2.2	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.5	3.0	8.0
WNW	.1	.3	.3	1.6	.0	.2	.0	.1	.0	.0	.0	.1	.0	.0	.4	2.3	8.8
NW	.0	.3	.5	2.8	.1	.3	.0	.1	.0	.1	.0	.0	.0	.0	.6	3.7	8.6
NNW	.1	.4	.9	5.5	.2	.9	.1	.8	.0	.2	.0	.0	.0	.0	1.3	7.8	10.1
CALM	1.6	9.1													1.6	9.1	
TOTAL	2.7	16.0	10.7	63.1	1.8	10.7	1.1	6.7	.5	2.9	.1	.5	.0	.1	17.0	100	8.5

CEILING-VISIBILITY

WIND GRAPH



OTH NORTH BEND, OR

CLASS 4 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND, OR

CLASS 4 / DAY

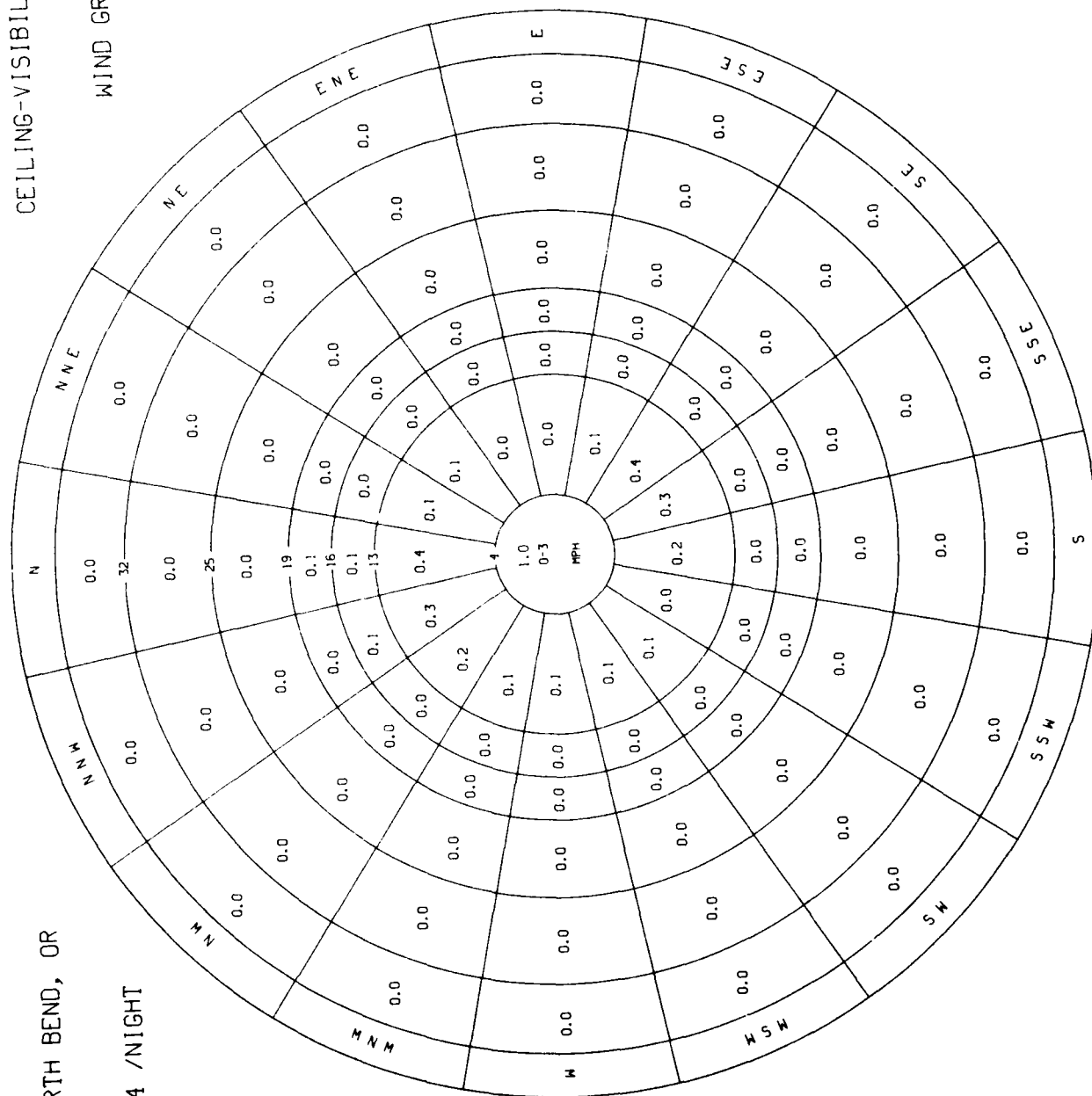
NO. OBS.: 1085

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.6	.2	6.3	.1	3.2	.1	2.3	.0	1.9	.0	.4	.0	.0	.4 14.7
NNE	.0	.3	.0	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0 2.0
NE	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
ENE	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
E	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
ESE	.0	1.0	.1	3.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
SE	.0	1.2	.2	8.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2 9.7
SSE	.0	.6	.2	7.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2 8.0
S	.0	1.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
SSW	.0	.5	.0	1.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1 2.2
SW	.0	.4	.0	1.4	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1 2.2
WSW	.0	.3	.1	3.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.6
W	.0	.6	.2	6.7	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.2 7.7
WNW	.0	.8	.1	4.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.3
NW	.0	.6	.1	4.4	.0	.6	.0	.4	.0	.1	.0	.1	.0	.0	.1 6.1
NNW	.0	.7	.2	7.5	.0	2.0	.0	1.3	.0	1.6	.0	.6	.0	.0	.3 13.6
CALM	.3	13.0													.3 13.0
TOTAL	.5	22.5	1.5	60.4	.2	7.8	.1	4.7	.1	3.6	.0	1.0	.0	.0	2.4 100
															7.8

CEILING-VISIBILITY

WIND GRAPH



OTH NORTH BEND, OR

CLASS 4 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND, OR

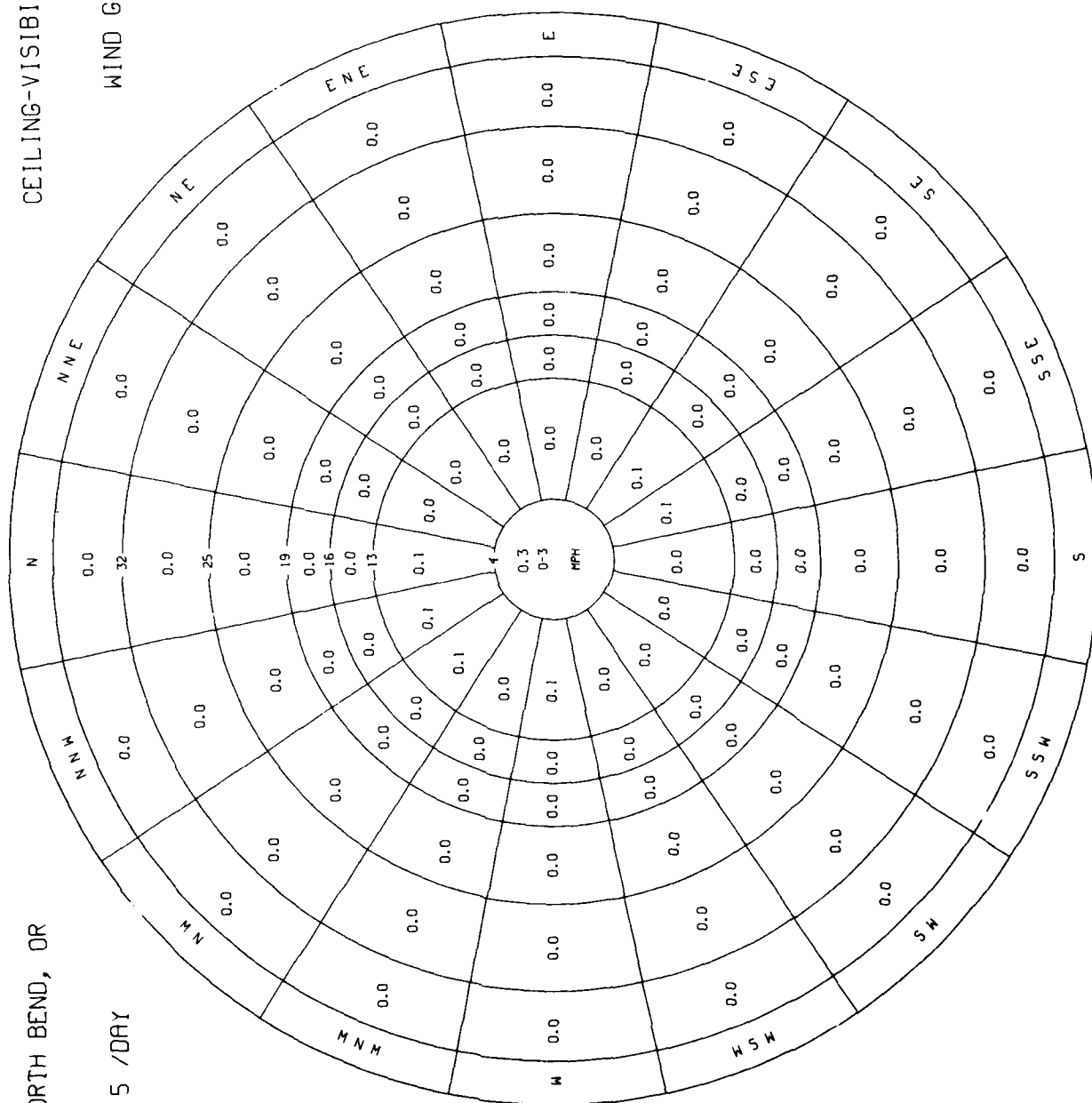
CLASS 4 / NIGHT

NO. OBS.: 1587

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.6	.4	10.8	.1	3.7	.1	1.7	.0	.4	.0	.1	.0	.0	.7	17.3	10.8
NNE	.0	.3	.1	2.9	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.2	3.8	8.3
N	.0	.4	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	5.9
ENE	.0	.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.1
E	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.6
ESE	.0	.7	.1	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.0	6.7
SE	.0	1.2	.4	11.0	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5	12.5	7.3
SSE	.0	.9	.3	7.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.4	9.1	7.1
S	.0	.9	.2	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.9	5.7
SSW	.0	.6	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	1.6	5.5
SW	.0	.8	.1	1.9	.0	.3	.0	.2	.0	.0	.0	.0	.0	.0	.1	3.1	7.5
WSW	.0	.6	.1	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.2
W	.0	.6	.1	2.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	6.0
WNW	.0	.5	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	2.3	7.5
NW	.0	.6	.2	4.6	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.2	5.4	7.0
NNW	.0	.3	.3	7.6	.1	1.7	.0	.9	.0	.1	.0	.0	.0	.0	.4	10.6	9.9
CALM	.6	14.7			.3	7.1	.1	3.1	.0	.8	.0	.1	.0	.1	4.0	100	6.8
TOTAL	1.0	24.2	2.6	64.8													

CEILING-VISIBILITY
WIND GRAPH



0TH NORTH BEND, OR
CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: 0TH NORTH BEND, OR

PERIOD: 1950-1978

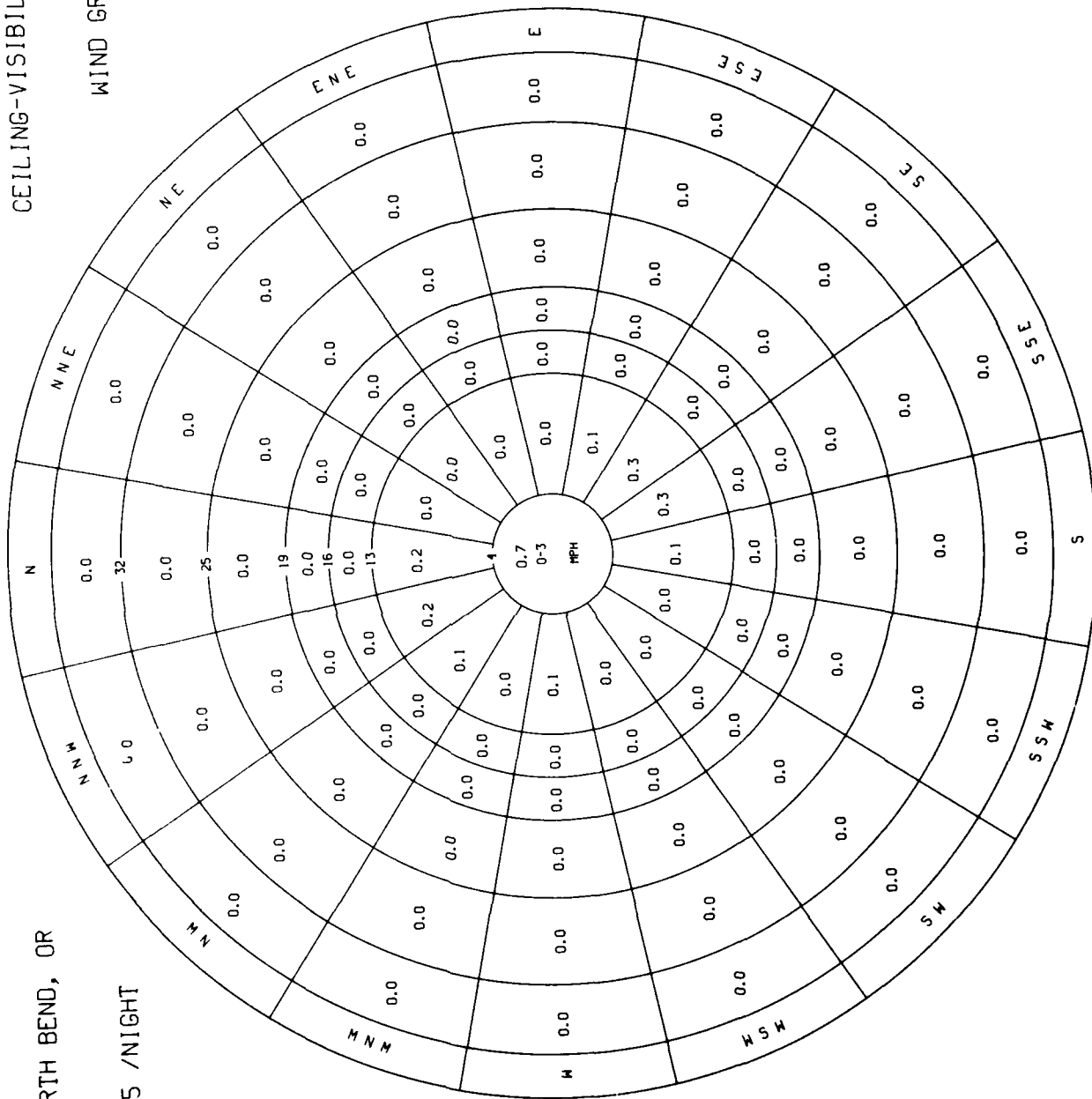
CLASS 5 / DAY

STATION NUMBER: 24284

NO. OBS.: 473

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.1	5.9	.0	.6	.0	.6	.0	.2	.0	.0	.0	.0	.1 8.7
NNE	.0	.6	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
NE	.0	.4	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
ENE	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
E	.0	.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
ESE	.0	.6	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
SE	.0	.8	.1	8.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.9
SSE	.0	2.1	.1	8.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 11.0
S	.0	.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0 2.5
SSH	.0	.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
SW	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WSW	.0	.2	.0	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
W	.0	.2	.1	4.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.5
WNW	.0	.4	.0	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.9
NW	.0	1.1	.1	6.3	.0	.8	.0	.0	.0	.4	.0	.0	.0	.0	.1 8.7
NNW	.0	1.1	.1	9.9	.0	.8	.0	.8	.0	.2	.0	.0	.0	.0	.1 12.9
CALM	.2	20.5													.2 20.5
TOTAL	.3	31.1	.7	62.8	.0	3.6	.0	1.5	.0	.8	.0	.2	.0	.0	1.1 100
															5.9

OTH NORTH BEND, OR
 CLASS 5 /NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND, OR

CLASS 5 / NIGHT

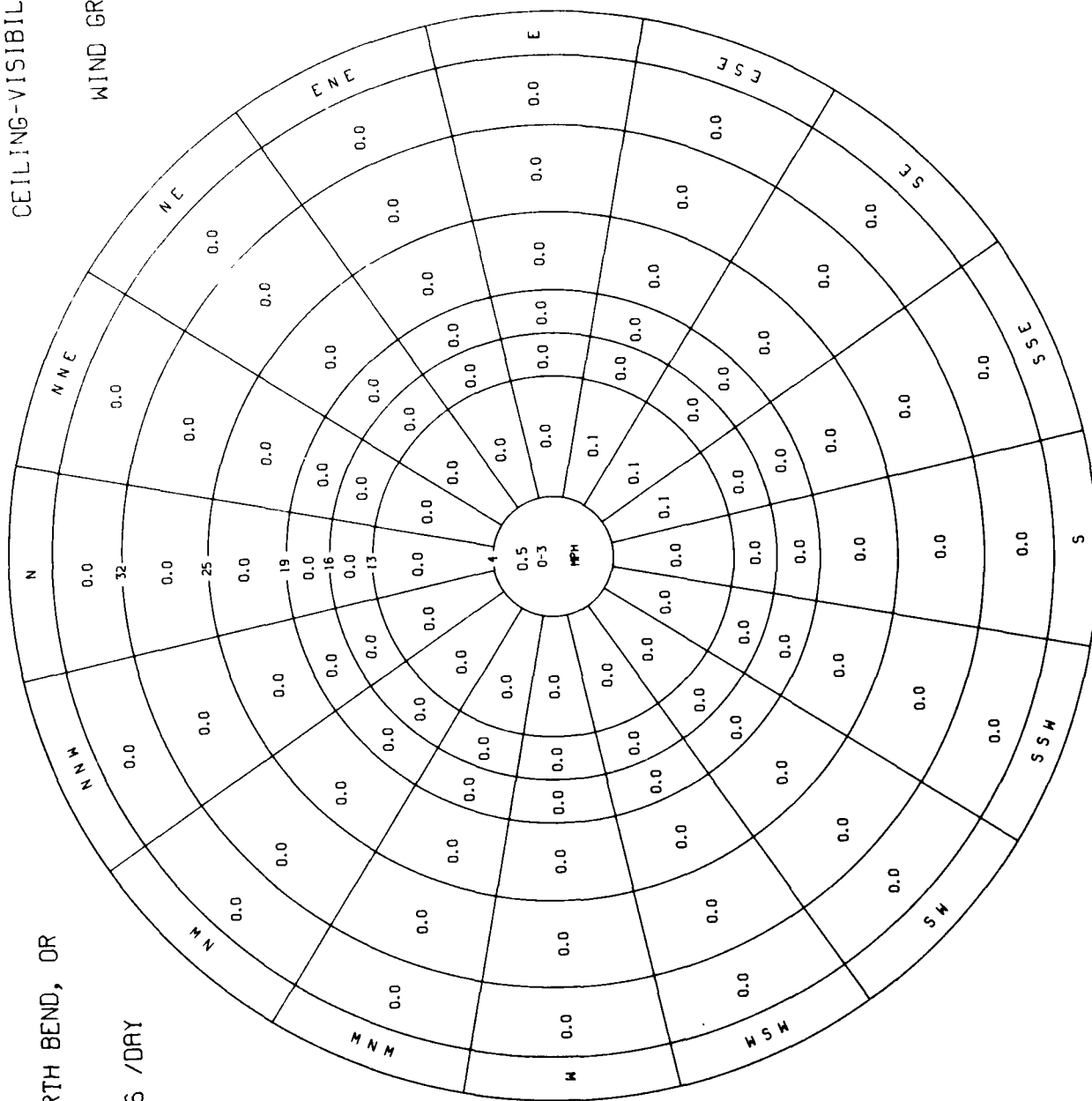
NO. OBS.: 977

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.7	.2	9.3	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.3	12.6	9.0
NNE	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	5.6
NE	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.6
ENE	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.3
E	.0	.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.1
ESE	.0	1.0	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	6.4
SE	.1	2.6	.3	13.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	16.4	6.5
SSE	.0	1.3	.3	11.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3	13.0	7.0
S	.0	.7	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	5.4
SSW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.2	7.0
SW	.0	.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.6
WSW	.0	.5	.0	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	6.4
W	.0	.8	.1	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	5.3
WNW	.0	.5	.0	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	5.6
NW	.0	.6	.1	3.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.1	4.2	6.6
NNW	.0	.6	.2	9.2	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.3	11.1	8.5
CALM	.4	18.2													.4	18.2	
TOTAL	.7	30.0	1.6	65.3	.1	3.6	.0	.9	.0	.2	.0	.0	.0	.0	.2	5.1	5.7

CEILING-VISIBILITY

WIND GRAPH



OTH NORTH BEND, OR

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND, OR

CLASS 6 / DAY

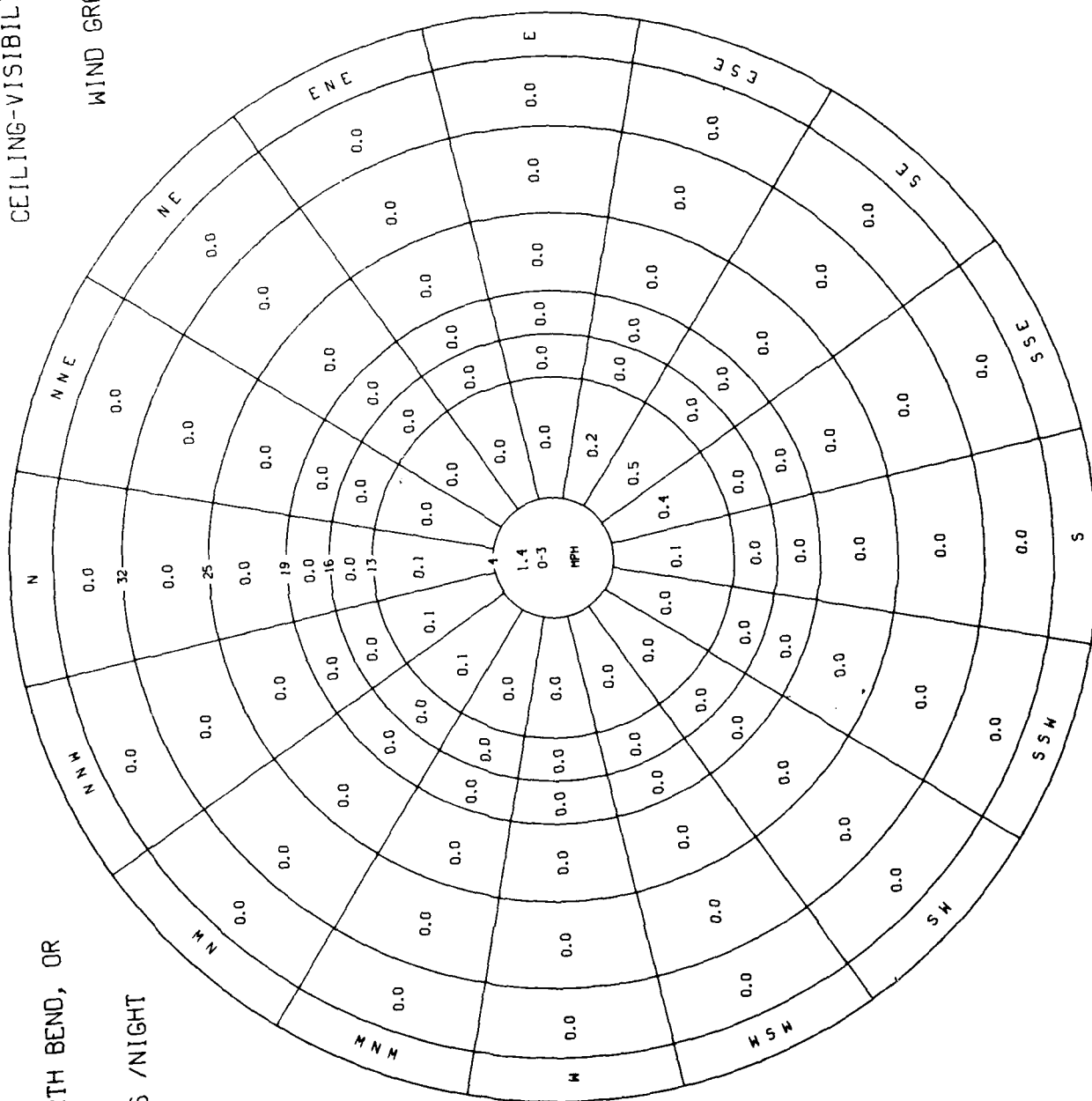
NO. OBS.: 466

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.9	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.4
NNE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
NE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ENE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
E	.0	3.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
ESE	.0	2.1	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.5
SE	.0	2.8	.1	13.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.2 16.7
SSE	.0	2.1	.1	7.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.9
S	.0	1.5	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
SSW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .4
SW	.0	.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WSW	.0	.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
W	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
WNW	.0	.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
NW	.0	2.6	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.6
NNW	.0	.9	.0	2.6	.0	.9	.0	.0	.0	.2	.0	.0	.0	.0	.0 4.7
CALM	.3	31.3													.3 31.3
TOTAL	.5	50.6	.5	47.0	.0	1.9	.0	.0	.0	.2	.0	.2	.0	.0	1.0 100
															4.1

OTH NORTH BEND, OR

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1950-1978

STATION NAME: 0TH NORTH BEND., OR

CLASS 6 / NIGHT

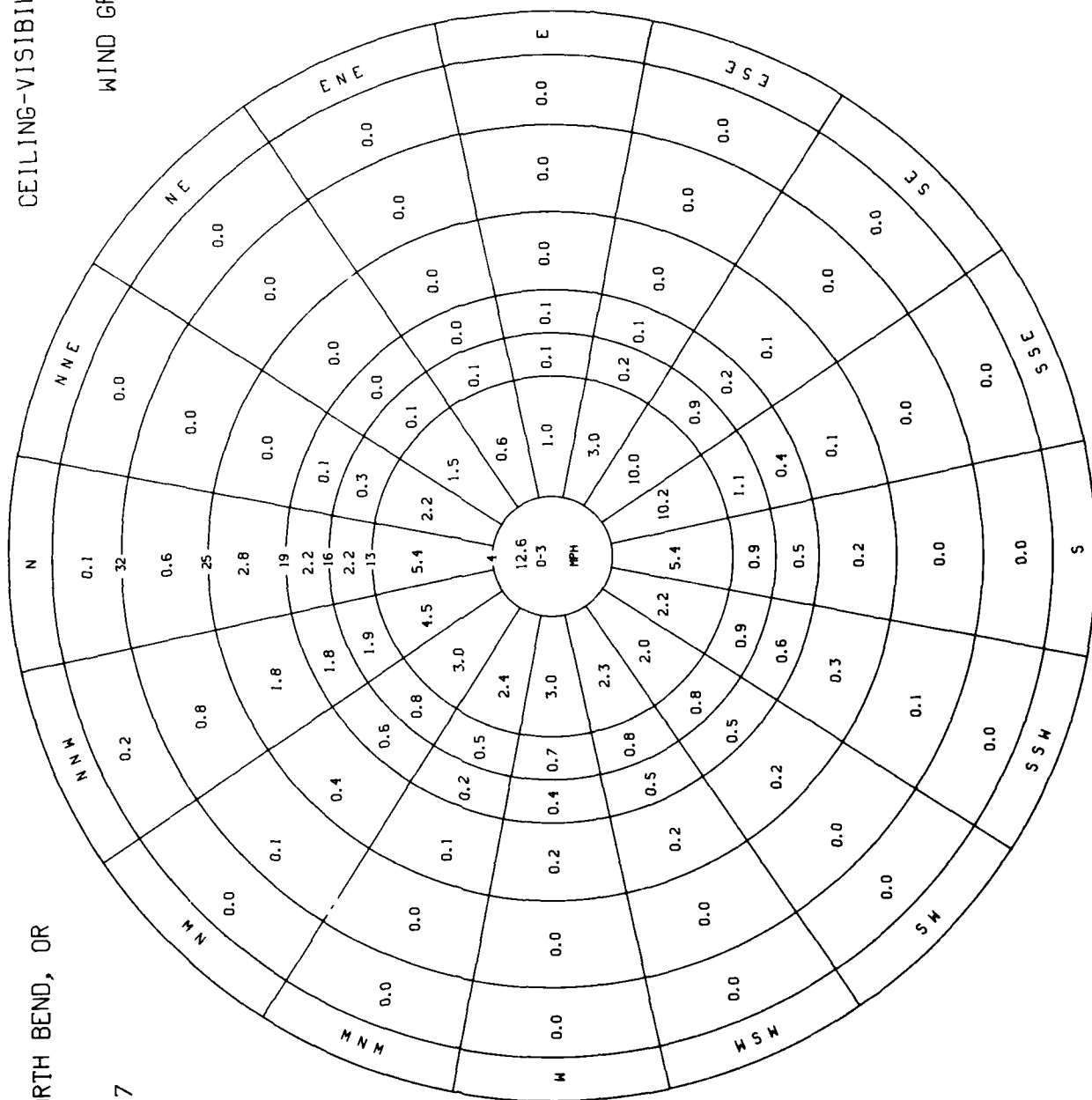
NO. OBS.: 1321

STATION NUMBER: 24284

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.1	4.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 5.1
NNE	.0	.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
NE	.0	.8	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
ENE	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
E	.0	.8	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.9
ESE	.1	2.0	.2	6.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 8.6
SE	.1	3.3	.5	16.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6 19.4
SSE	.1	2.0	.4	12.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5 14.4
S	.0	1.2	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.9
SSW	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
SW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
WSW	.0	.7	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
W	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
WNW	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.0
NW	.0	1.1	.1	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
NNW	.0	.5	.1	3.7	.0	.6	.0	.2	.0	.1	.0	.0	.0	.0	.2 5.1
CALM	.9	26.6													.9 26.6
TOTAL	1.4	42.3	1.9	55.9	.0	1.4	.0	.4	.0	.1	.0	.0	.0	.0	3.3 100
															4.4

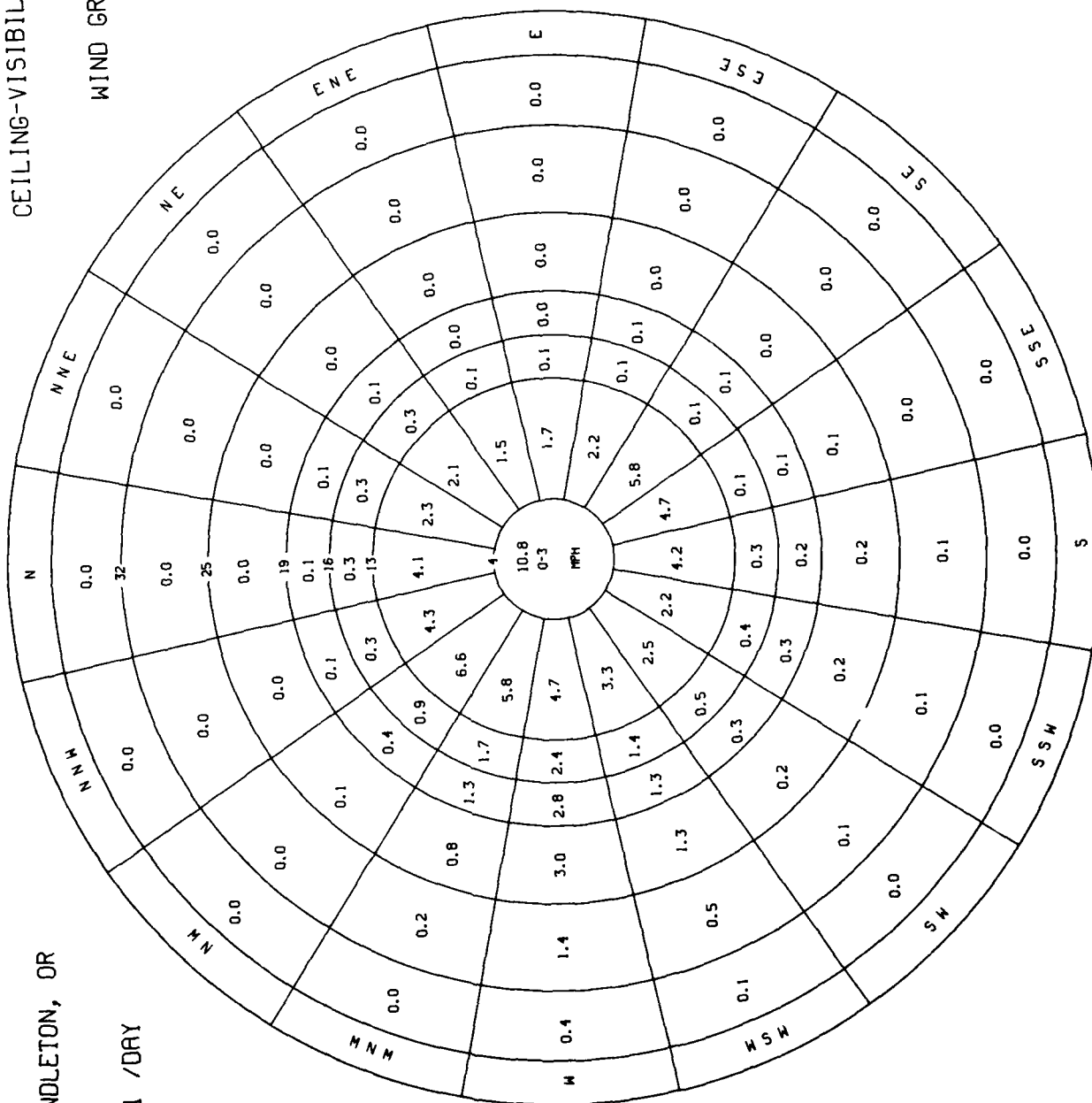
OTH NORTH BEND, OR

CLASS 7



CEILING-VISIBILITY WIND GRAPH

POT PENDLETON, OR
CLASS 1 / DRY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: POT PENDLETON, OR

PERIOD: 1949-1976

CLASS 1 / DAY

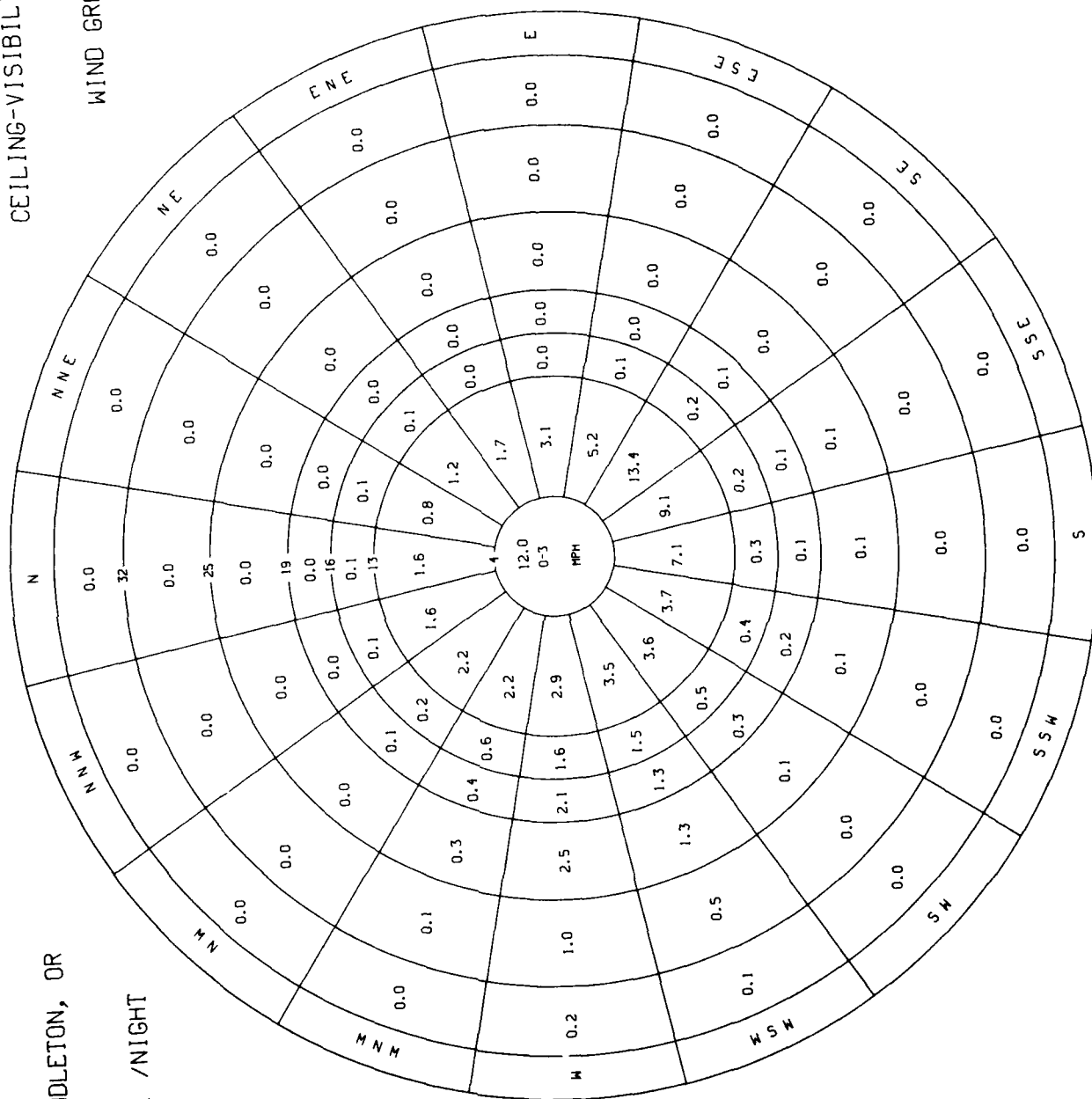
STATION NUMBER: 24155

NO. OBS.: 44819

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.5	.6	4.1	4.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.1	5.4	7.9
NNE	.4	.4	2.3	2.4	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.1	3.2	8.3
NE	.4	.4	2.1	2.2	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.9	3.1	8.2
ENE	.3	.3	1.5	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.0	7.2
E	.4	.4	1.7	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.3	6.5
ESE	.5	.5	2.2	2.4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.9	3.1	6.4
SE	1.0	1.1	5.8	6.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	7.1	7.5	6.6
SSE	.9	1.0	4.7	5.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	5.9	6.2	6.8
S	1.0	1.0	4.2	4.5	.3	.3	.2	.3	.2	.2	.1	.1	.0	.0	.0	6.1	6.4	7.8
SSW	.4	.5	2.2	2.3	.4	.4	.3	.3	.2	.2	.1	.1	.0	.0	.0	3.5	3.7	9.6
SW	.4	.4	2.5	2.7	.5	.5	.3	.3	.2	.2	.1	.1	.0	.0	.0	4.0	4.2	9.7
WSW	.4	.4	3.3	3.5	1.4	1.5	1.3	1.4	1.3	1.3	.5	.5	.1	.1	.1	8.3	8.8	14.0
W	.4	.5	4.7	5.0	2.4	2.5	2.8	3.0	3.0	3.2	1.4	1.5	.4	.4	.4	15.1	16.0	15.9
WNW	.4	.5	5.8	6.1	1.7	1.8	1.3	1.4	.8	.9	.2	.3	.0	.1	.1	10.3	11.0	11.8
NW	.6	.6	6.6	7.0	.9	1.0	.4	.4	.1	.1	.0	.0	.0	.0	.0	8.6	9.1	9.0
NNW	.5	.6	4.3	4.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	5.3	5.6	7.9
CALM	2.2	2.3														2.2	2.3	
TOTAL	10.8	11.4	57.9	61.4	9.3	9.8	7.3	7.8	6.1	6.4	2.4	2.5	.6	.6	.6	94.3	100	10.0

POT PENDLETON, OR

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1976

STATION NAME: PDT PENDLETON, OR

CLASS 1 / NIGHT

NO. OBS.: 31325

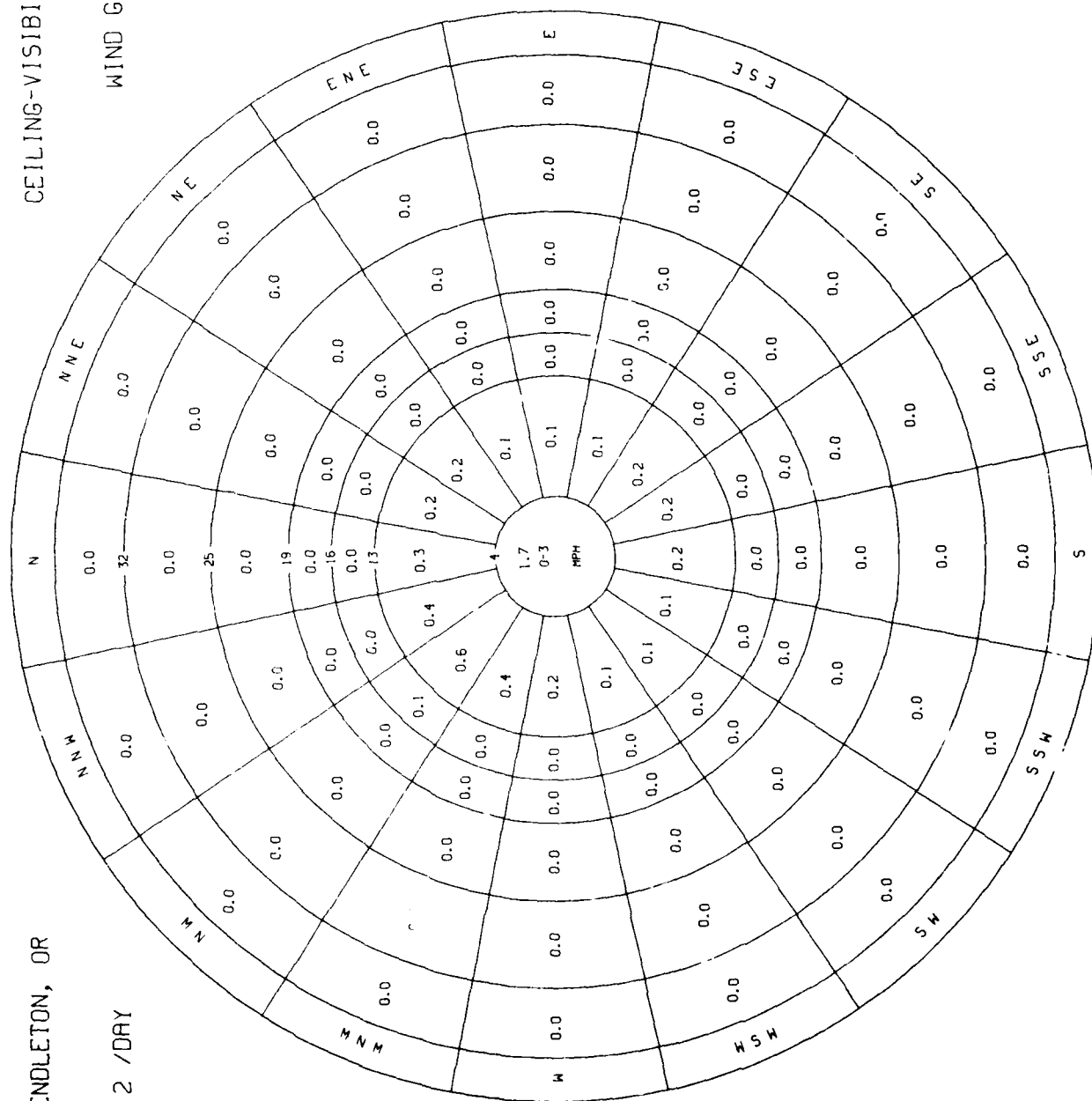
STATION NUMBER: 24155

O I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.5	.5	1.6	1.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.3	6.3
NNE	.3	.3	.8	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.4	7.1
NE	.4	.4	1.2	1.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	1.9	7.0
ENE	.4	.4	1.7	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.3	6.9
E	.5	.6	3.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.0	6.3
ESE	.7	.8	5.2	5.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0	6.5	6.5
SE	1.4	1.6	13.4	14.5	.2	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	15.1	16.3	7.0
SSE	1.2	1.3	9.1	9.8	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	10.7	11.6	7.2
S	1.2	1.3	7.1	7.7	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	8.9	9.6	7.0
SSW	.6	.6	3.7	4.0	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	5.0	5.4	8.4
SW	.5	.5	3.6	3.9	.5	.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	5.0	5.4	9.2
WSW	.3	.3	3.5	3.8	1.5	1.7	1.3	1.4	1.3	1.4	.5	.5	.1	.1	.1	8.5	9.2	14.0
W	.3	.3	2.9	3.2	1.6	1.7	2.1	2.2	2.5	2.7	1.0	1.1	.2	.2	.2	10.6	11.5	16.3
WNW	.3	.3	2.2	2.4	.6	.6	.4	.4	.3	.3	.1	.1	.0	.0	.0	3.8	4.2	11.0
NW	.4	.4	2.2	2.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	3.0	3.2	7.8
NNW	.4	.4	1.6	1.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.3	6.8
CALM	2.8	3.0														2.8	3.0	
TOTAL	12.0	13.0	62.9	68.0	5.9	6.3	4.8	5.2	4.8	5.1	1.7	1.8	.4	.4	.4	92.5	100	8.8

POT PENDLETON, OR

CEILING-VISIBILITY

WIND GRAPH



AD-A108 168

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/6 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

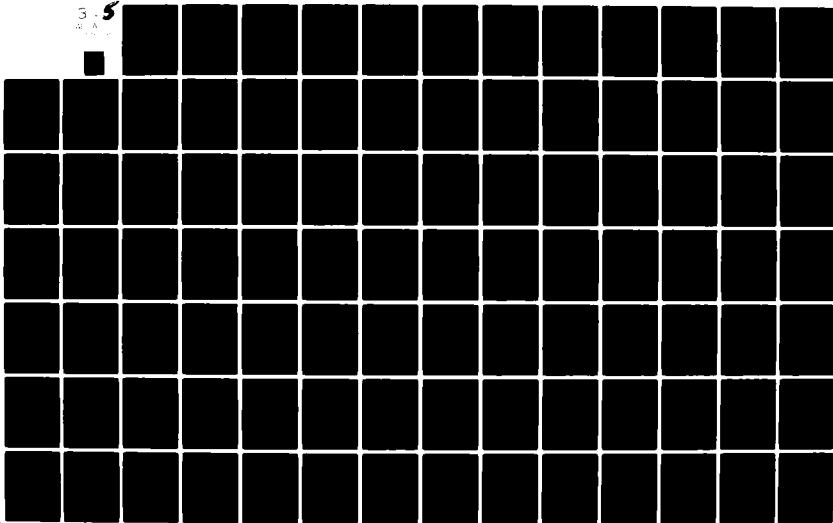
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UNCLASSIFIED

3-5
W.A.

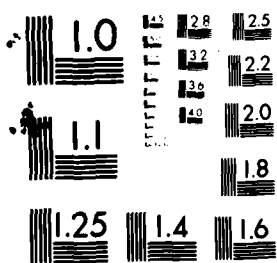


3 OF 5



AD-A

108168



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1976

STATION NAME: PDT PENDLETON, OR

CLASS 2 / DAY

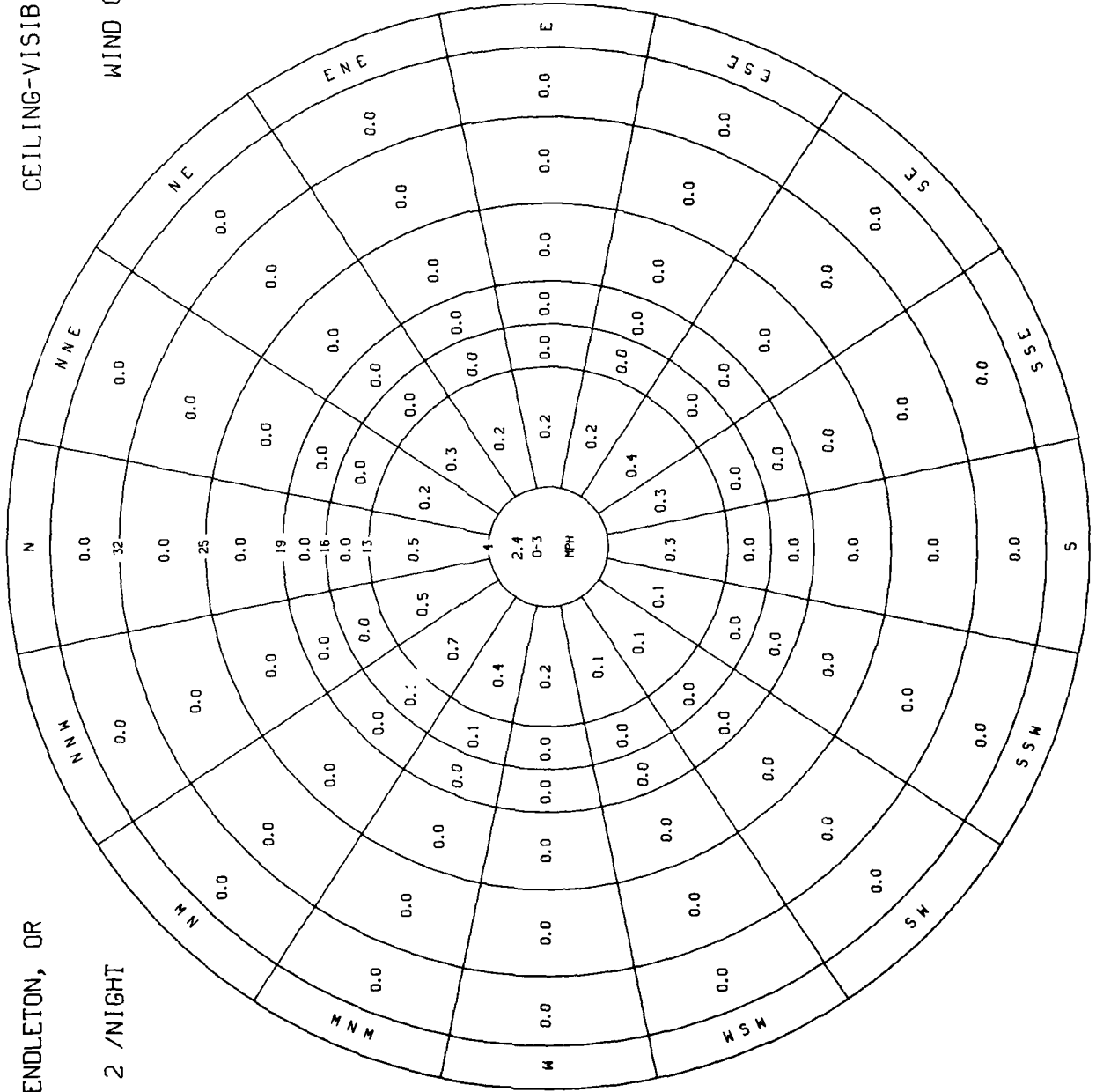
NO. OBS.: 2693

STATION NUMBER: 24155

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.1	2.0	.3	6.0	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.5	8.6	6.7
NNE	.1	1.2	.2	3.3	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.3	4.8	6.8
NE	.1	1.2	.2	3.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.9	6.3
ENE	.1	1.0	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	5.0
E	.0	.9	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	5.2
ESE	.1	1.0	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.8	5.1
SE	.1	2.1	.2	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.5	5.4
SSE	.1	1.9	.2	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.2	5.1
S	.1	2.2	.2	3.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	6.1	5.2
SSW	.1	1.1	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.7	5.4
SW	.0	.9	.1	1.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.8	6.0
WSW	.1	1.0	.1	1.6	.0	.4	.0	.1	.0	.1	.0	.0	.0	.1	.2	3.4	8.5
W	.1	.9	.2	3.5	.0	.6	.0	.3	.0	.7	.0	.4	.0	.3	.4	6.8	11.9
WNW	.1	1.5	.4	6.4	.0	.7	.0	.6	.0	.4	.0	.3	.0	.0	.6	9.9	9.1
NW	.1	1.6	.6	10.3	.1	.9	.0	.6	.0	.2	.0	.0	.0	.0	.8	13.6	8.1
NNW	.1	1.3	.4	6.7	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	8.4	6.9
CALM	.5	8.2													.5	8.2	
TOTAL	1.7	29.7	3.5	61.2	.2	4.1	.1	2.1	.1	1.7	.0	.7	.0	.5	5.7	100	6.6

CEILING-VISIBILITY

WIND GRAPH



POT PENDLETON, OR

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1976

STATION NAME: POT PENDLETON, OR

CLASS 2 / NIGHT

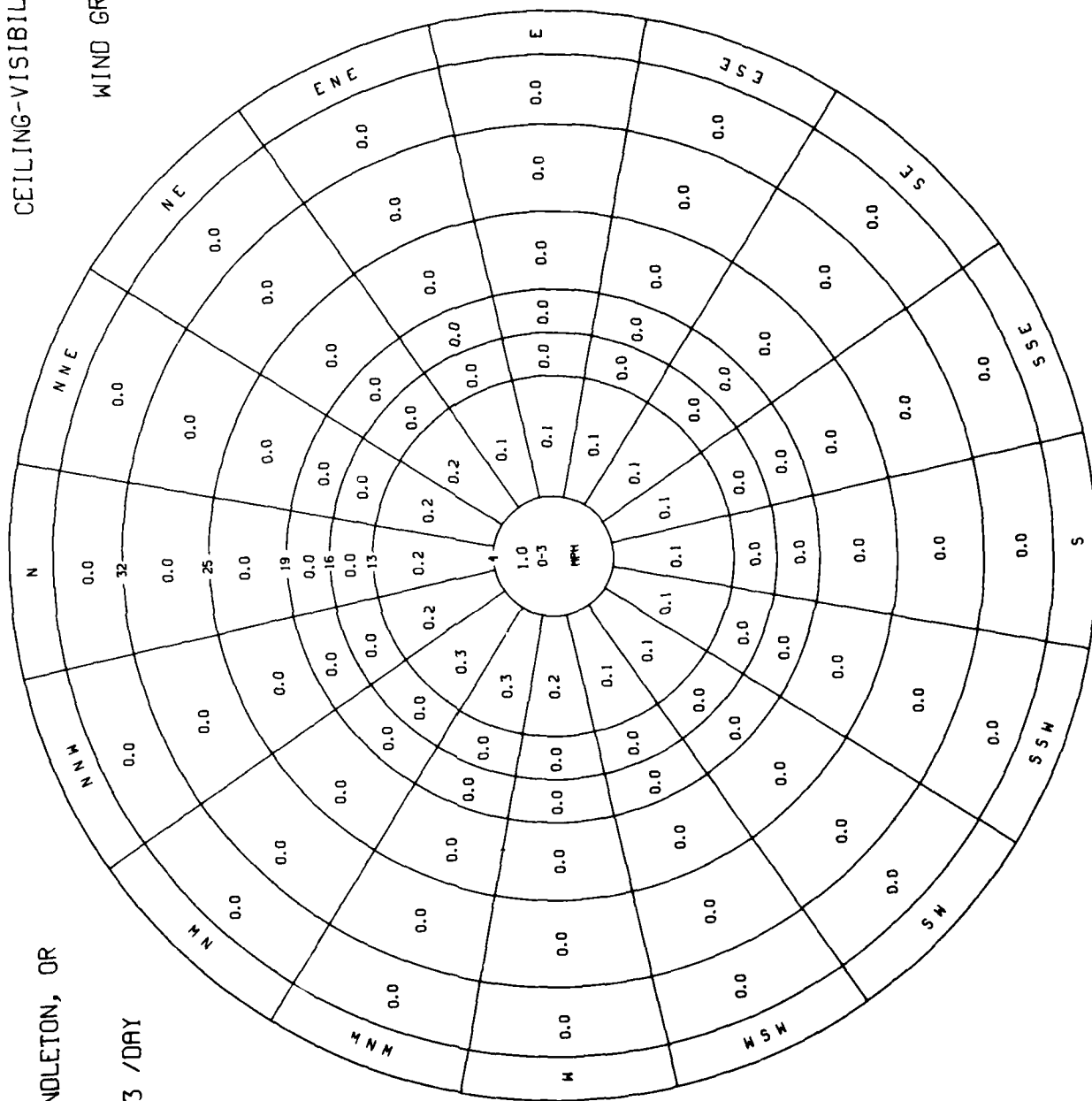
NO. OBS.: 2550

STATION NUMBER: 24155

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.1	1.8	.5	6.4	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	8.8	6.6
NNE	.1	1.0	.2	2.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	4.4	6.7
NE	.1	1.0	.3	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.9	5.8
ENE	.1	1.3	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.7	5.3
E	.1	1.1	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.5	5.0
ESE	.1	1.6	.2	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.1	4.9
SE	.2	2.1	.4	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	7.6	5.4
SSE	.1	1.5	.3	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.5	5.5
S	.1	1.4	.3	3.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.4	5.5
SSW	.1	.8	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	4.8
SW	.1	1.0	.1	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0	5.3
WSW	.1	1.1	.1	1.3	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	2.8	7.4
W	.1	1.0	.2	2.9	.0	.4	.0	.2	.0	.2	.0	.3	.0	.1	.4	5.0	9.6	9.6
WNW	.1	1.3	.4	4.7	.1	.9	.0	.3	.0	.2	.0	.2	.0	.0	.6	7.5	8.6	8.6
NW	.2	2.0	.7	9.7	.1	.9	.0	.4	.0	.1	.0	.0	.0	.0	1.0	13.1	7.4	7.4
NNW	.1	1.4	.5	6.2	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.6	8.0	6.9	6.9
CALM	.8	10.9													.8	10.9		
TOTAL	2.4	32.5	4.6	61.1	.3	3.5	.1	1.4	.1	.8	.0	.6	.0	.2	7.5	100		5.8

CEILING-VISIBILITY

WIND GRAPH



POT PENDLETON, OR

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDT PENDLETON, OR

PERIOD: 1949-1976

CLASS 3 / DAY

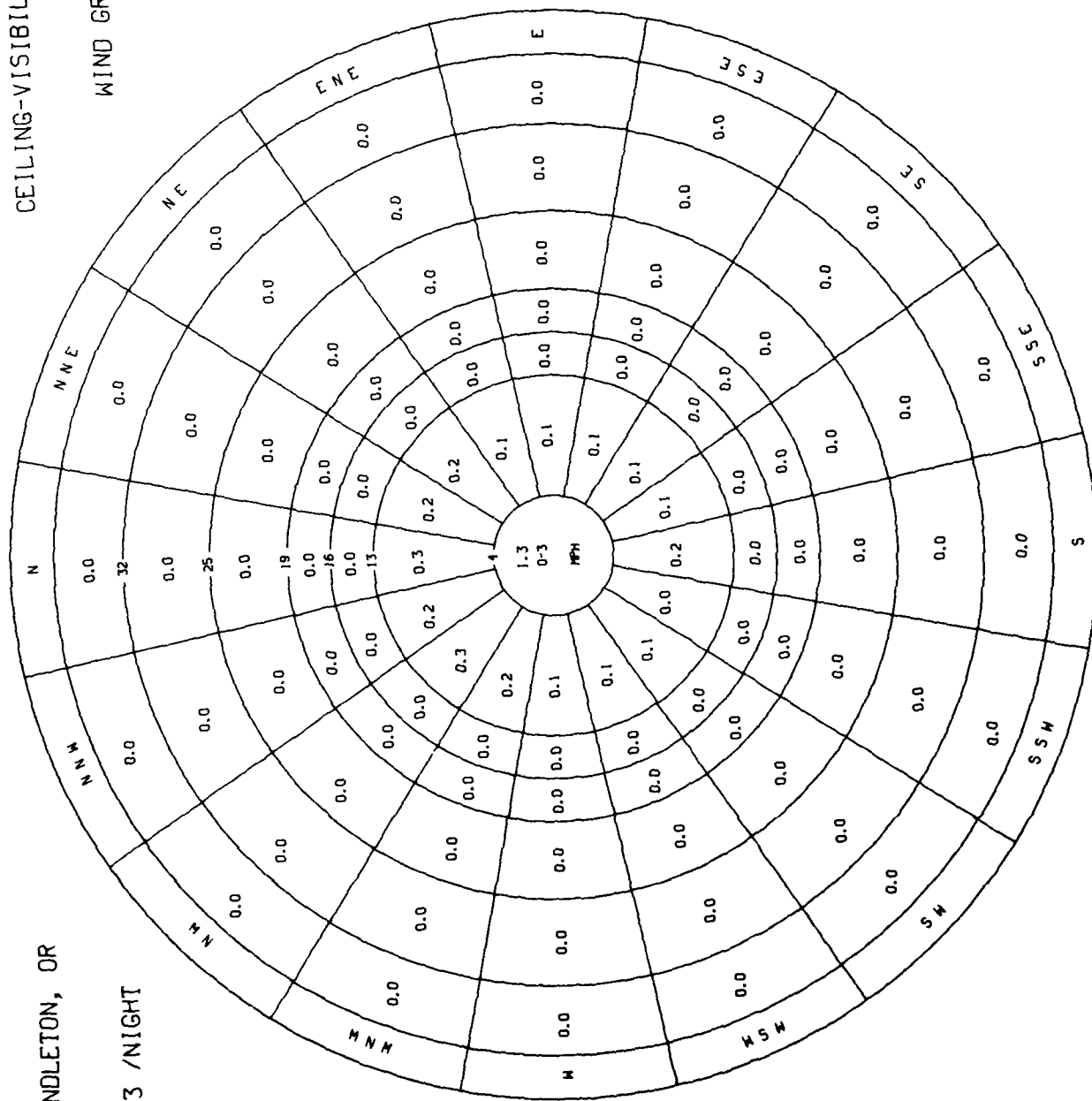
STATION NUMBER: 24155

NO. OBS.: 1736

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	1.9	.2	6.5	.0	.5	.0	.2	.0	.1	.0	.0	.0	.1	.3	9.3	7.2
NNE	.1	1.4	.2	4.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.2	6.1	6.8
NE	.0	1.3	.2	4.3	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.2	6.0	6.6
ENE	.0	1.1	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.1	5.1
E	.0	.9	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	5.2
ESE	.0	.8	.1	1.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.3	5.1
SE	.1	2.2	.1	3.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.2	5.3
SSE	.1	1.7	.1	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.6	5.1
S	.1	1.6	.1	2.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2	4.7	5.5
SSW	.0	1.1	.1	1.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.1	2.9	5.9
SW	.0	1.0	.1	2.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.2	6.4
WSW	.0	1.0	.1	2.0	.0	.6	.0	.2	.0	.2	.0	.1	.0	.1	.1	4.1	9.1
W	.0	.9	.2	4.3	.0	.8	.0	.5	.0	.9	.0	.5	.0	.4	.3	8.3	12.4
WNW	.0	1.3	.3	7.0	.0	.5	.0	.6	.0	.5	.0	.3	.0	.0	.4	10.1	9.1
NW	.1	1.4	.3	8.8	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.4	11.1	7.6
NNW	.0	1.3	.2	6.3	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.3	8.1	6.8
CALM	.3	7.3													.3	7.3	
TOTAL	1.0	28.3	2.2	61.6	.2	4.4	.1	2.4	.1	1.9	.0	.9	.0	.5	3.7	100	6.8

CEILING-VISIBILITY

WIND GRAPH



POT PENDLETON, OR

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDT PENDLETON, OR

PERIOD: 1949-1976

CLASS 3 / NIGHT

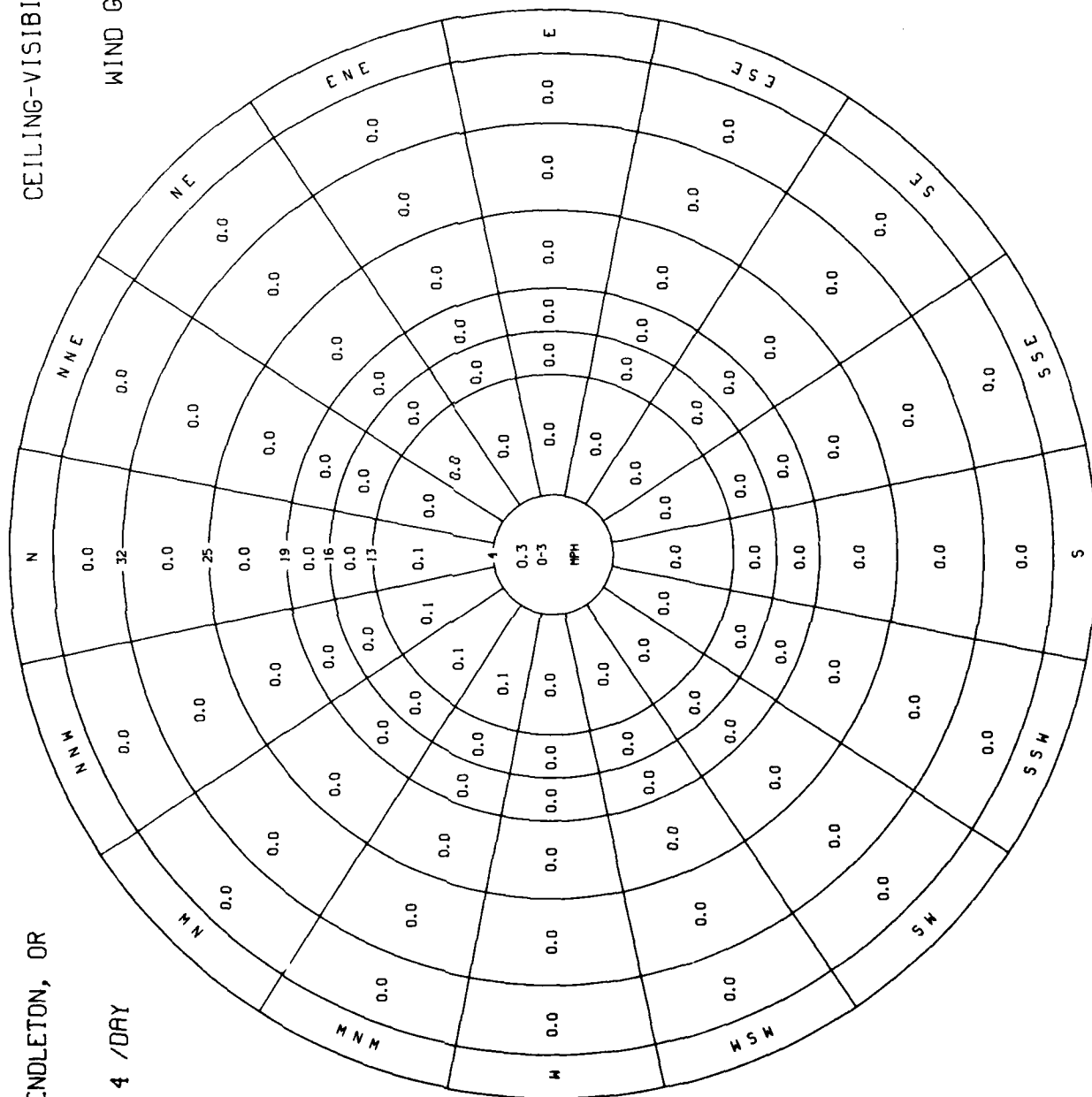
STATION NUMBER: 24155

NO. OBS.: 1304

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.1	2.0	.3	7.2	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	10.0	6.7
NNE	.0	1.1	.2	3.9	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	5.8	7.2
NE	.0	1.1	.2	5.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.2	6.0
ENE	.1	1.7	.1	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	4.7
E	.1	1.4	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.1	4.9
ESE	.0	1.2	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	5.0
SE	.1	1.6	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.4	5.1
SSE	.1	1.7	.1	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.9	5.0
S	.1	1.5	.2	3.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.5	5.5
SSW	.0	.7	.0	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.4
SW	.1	1.3	.1	1.8	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	3.4	6.0
WSW	.0	1.2	.1	1.6	.0	.0	.0	.4	.0	.3	.0	.1	.0	.1	.0	.1	3.6	9.2
W	.0	1.0	.1	3.5	.0	.6	.0	.3	.0	.4	.0	.4	.0	.2	.0	.2	6.3	10.7
WNW	.0	1.2	.2	4.4	.0	.6	.0	.3	.0	.2	.0	.2	.0	.0	.0	.3	7.0	8.3
NW	.1	2.0	.3	7.8	.0	.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	.4	10.9	7.0
NNW	.1	1.5	.2	5.0	.0	.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.3	7.1	6.8
CALM	.4	11.0														.4	11.0	
TOTAL	1.3	32.9	2.3	59.0	.2	4.4	.1	1.6	.0	1.2	.0	.7	.0	.2	.0	3.8	100	6.0

CEILING-VISIBILITY
WIND GRAPH

POT PENDLETON, OR
CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1976

STATION NAME: PDT PENDLETON, OR

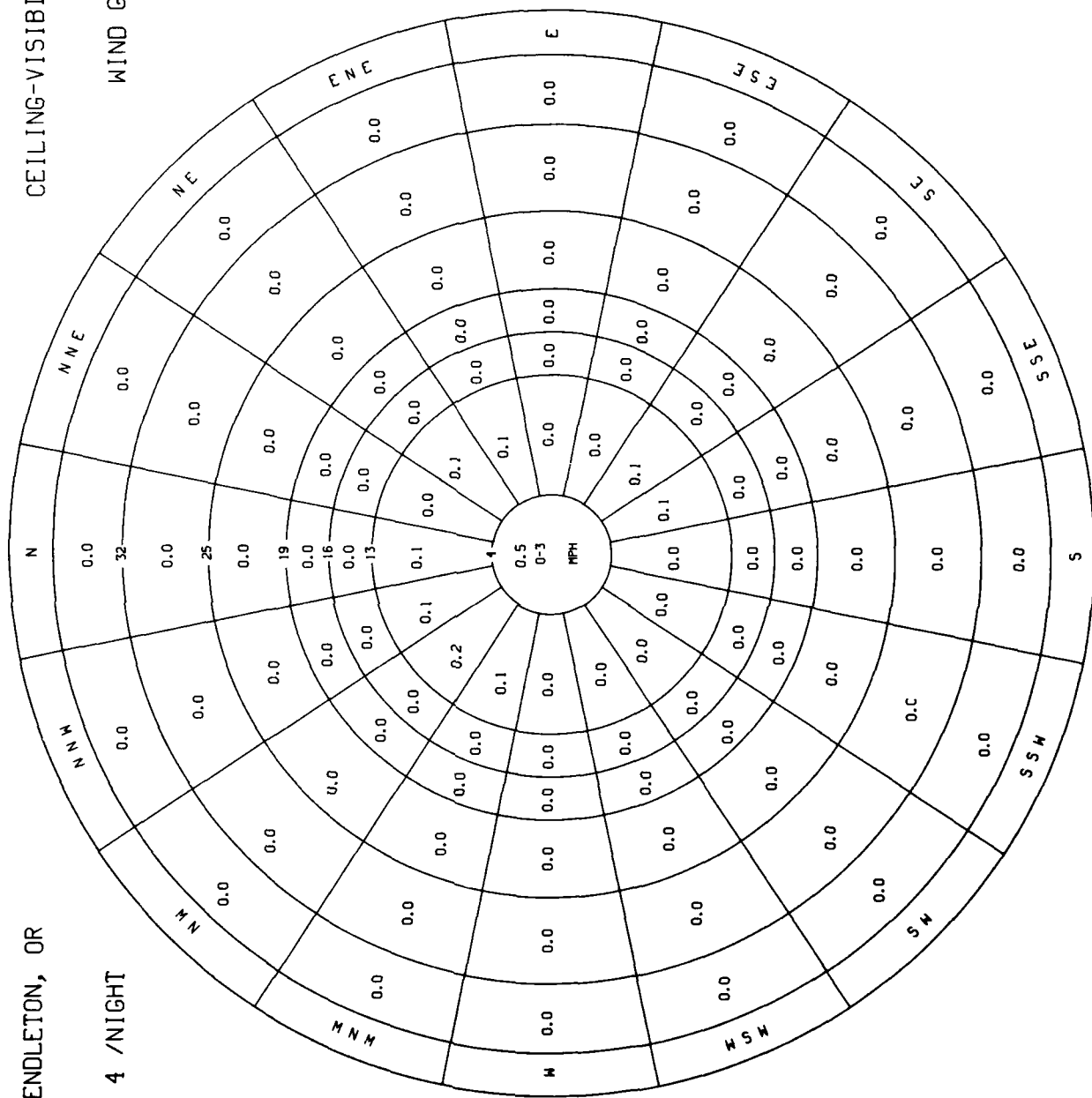
CLASS 4 / DAY

NO. OBS.: 419

STATION NUMBER: 24155

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.9	.1	6.9	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.1 10.0
NNE	.0	1.0	.0	2.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
NNE	.0	1.2	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
ENE	.0	.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
E	.0	.7	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
ESE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
ESE	.0	2.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.2
SSE	.0	1.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.3
S	.0	3.8	.0	4.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.6
SSW	.0	1.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
SW	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
WSW	.0	.7	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
W	.0	1.2	.0	3.1	.0	.2	.0	.0	.0	.7	.0	.2	.0	.5	.1 6.0
WNW	.0	1.7	.1	6.4	.0	1.7	.0	1.0	.0	.0	.0	.2	.0	.0	.1 11.0
NW	.0	2.1	.1	10.3	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.1 14.3
NNW	.0	1.7	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.4
CALM	.1	9.5													.1 9.5
TOTAL	.3	34.6	.5	57.5	.0	3.8	.0	1.9	.0	1.0	.0	.5	.0	.7	.9 100

POT PENDLETON, OR
 CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1949-1976

STATION NAME: PDT PENDLETON, OR

CLASS 4 / NIGHT

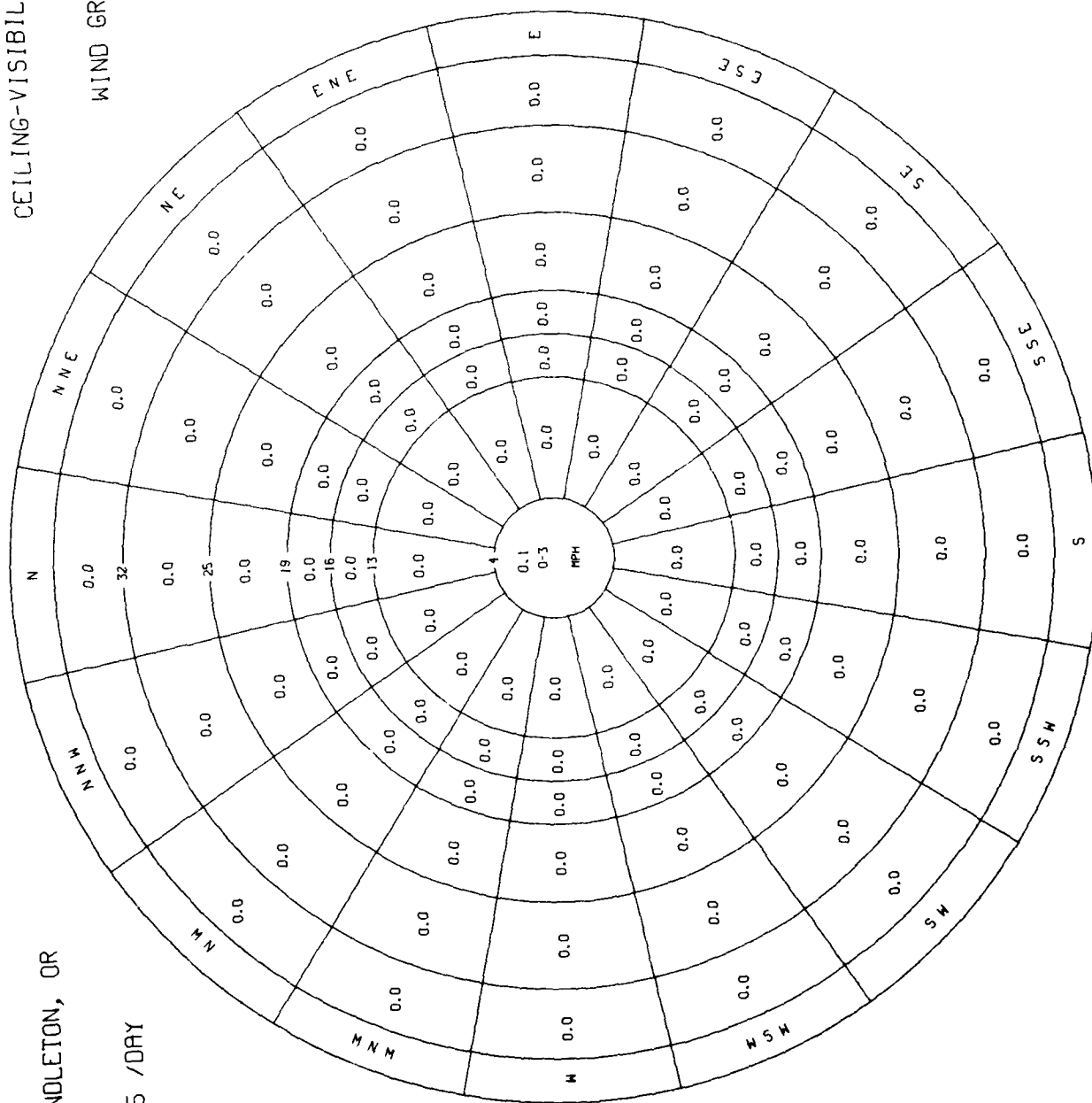
NO. OBS.: 487

STATION NUMBER: 24155

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	2.1	.1	6.4	.0	.0	.0	.4	.0	.2	.0	.0	.0	.0	.1	9.0	6.6
NNE	.0	1.0	.0	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	5.8
NE	.0	1.4	.1	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	5.5
ENE	.0	1.2	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	6.1
E	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.5
ESE	.0	1.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	4.8
SE	.0	2.5	.1	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.7	5.4
SSE	.0	1.0	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	5.7
S	.0	1.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	5.5
SSW	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.4
SW	.0	.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	4.7
WSW	.0	1.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.7
W	.0	1.2	.0	2.1	.0	.2	.0	.2	.0	.2	.0	.6	.0	.0	.1	4.5	9.9
WNW	.0	1.6	.1	4.9	.0	1.8	.0	.0	.0	.2	.0	.0	.0	.0	.1	8.6	7.9
NW	.0	1.0	.2	10.7	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.2	13.1	7.8
NNW	.0	1.4	.1	5.1	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.1	7.0	7.1
CALM	.2	11.9													.2	11.9	
TOTAL	.5	33.3	.9	60.8	.0	2.9	.0	1.6	.0	.8	.0	.6	.0	.0	.14	100	5.7

CEILING-VISIBILITY

WIND GRAPH



POT PENDLETON, OR

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDT PENDLETON, OR

PERIOD: 1949-1976

CLASS 5 / DAY

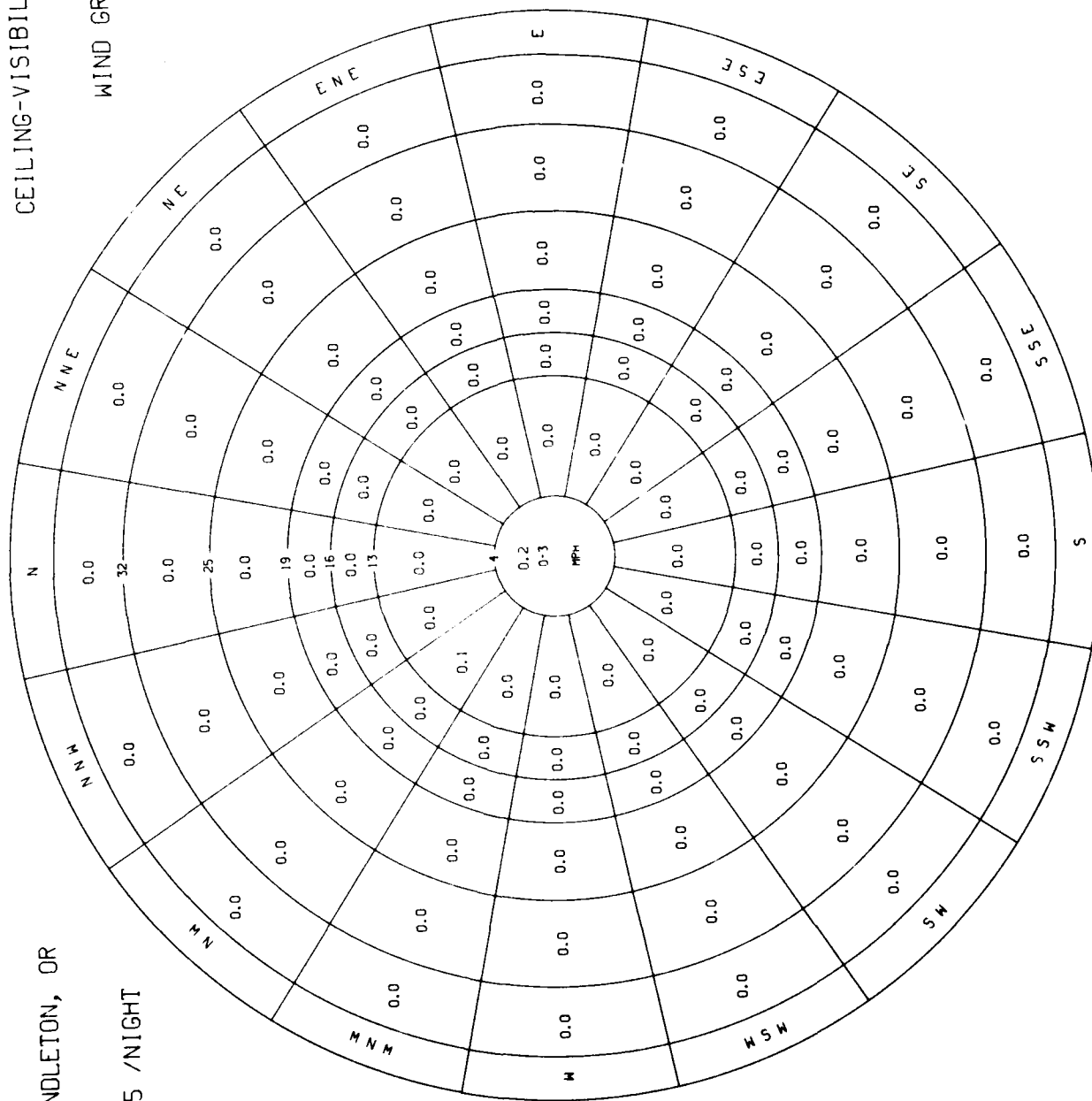
STATION NUMBER: 24155

NO. OBS.: 136

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.5	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.6
NNE	.0	.7	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.3
NE	.0	.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	8.0
ENE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.5
E	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.3
ESE	.0	2.2	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	4.9
SE	.0	2.2	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	4.8
SSE	.0	1.5	.0	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4	6.6
S	.0	1.5	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.9	5.6
SSW	.0	2.2	.0	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.6	4.7
SW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0
WSW	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	7.7
W	.0	.7	.0	2.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	6.4
WNW	.0	2.9	.0	4.4	.0	.0	.0	.7	.0	.0	.0	.0	.0	.7	.0	8.8	9.1
NW	.0	2.9	.0	13.2	.0	1.5	.0	1.5	.0	.7	.0	.0	.0	.0	.1	19.9	8.5
NNW	.0	1.5	.0	11.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.5	7.2
CALM	.0	7.4													.0	7.4	
TOTAL	.1	29.4	.2	64.0	.0	2.9	.0	2.2	.0	.7	.0	.0	.0	.7	.3	100	6.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDT PENDLETON, OR

PERIOD: 1949-1976

CLASS 5 / NIGHT

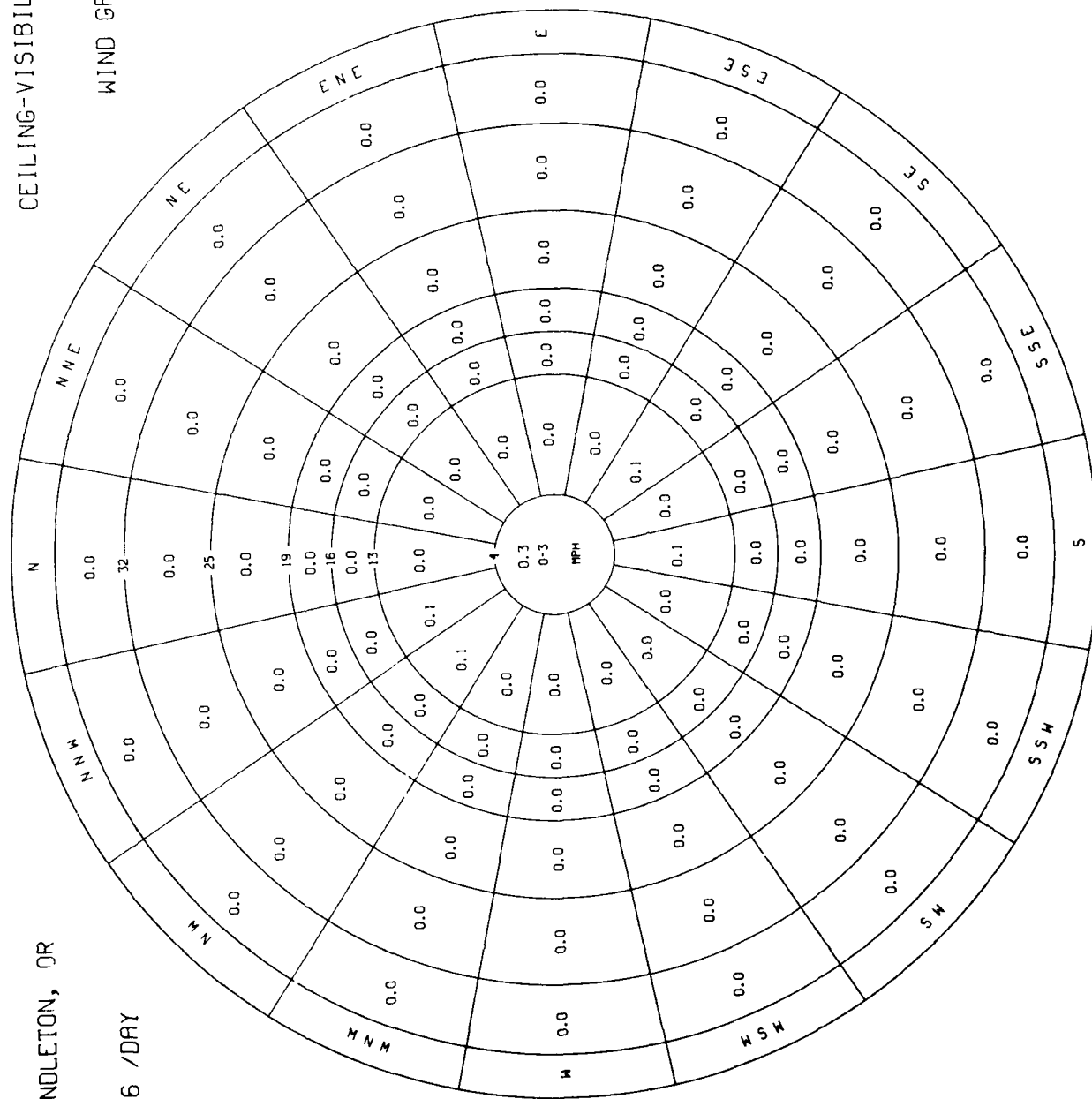
STATION NUMBER: 24155

NO. OBS.: 223

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	3.1	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.4	.0	.0	.1	8.5	6.4
NNE	.0	.4	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	6.9
NE	.0	.9	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.7
ENE	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.0
E	.0	.4	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	6.1
ESE	.0	1.3	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9	5.6
SE	.0	.9	.0	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.8
SSE	.0	1.3	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.8
S	.0	1.3	.0	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	5.7
SSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.8
SW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.8
WSW	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	5.0
W	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	6.0
WNW	.0	.9	.0	5.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.2	7.3
NW	.0	2.7	.1	13.9	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.1	17.5	7.0
NNW	.0	1.8	.0	7.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.4	6.6
CALM	.1	11.2														.1	11.2	
TOTAL	.2	30.0	.4	67.3	.0	2.2	.0	.0	.0	.0	.0	.4	.0	.0	.0	.7	100	5.5

CEILING-VISIBILITY

WIND GRAPH



POT PENOLETON, OR

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDT PENDLETON, OR

PERIOD: 1949-1976

CLASS 6 / DAY

STATION NUMBER: 24155

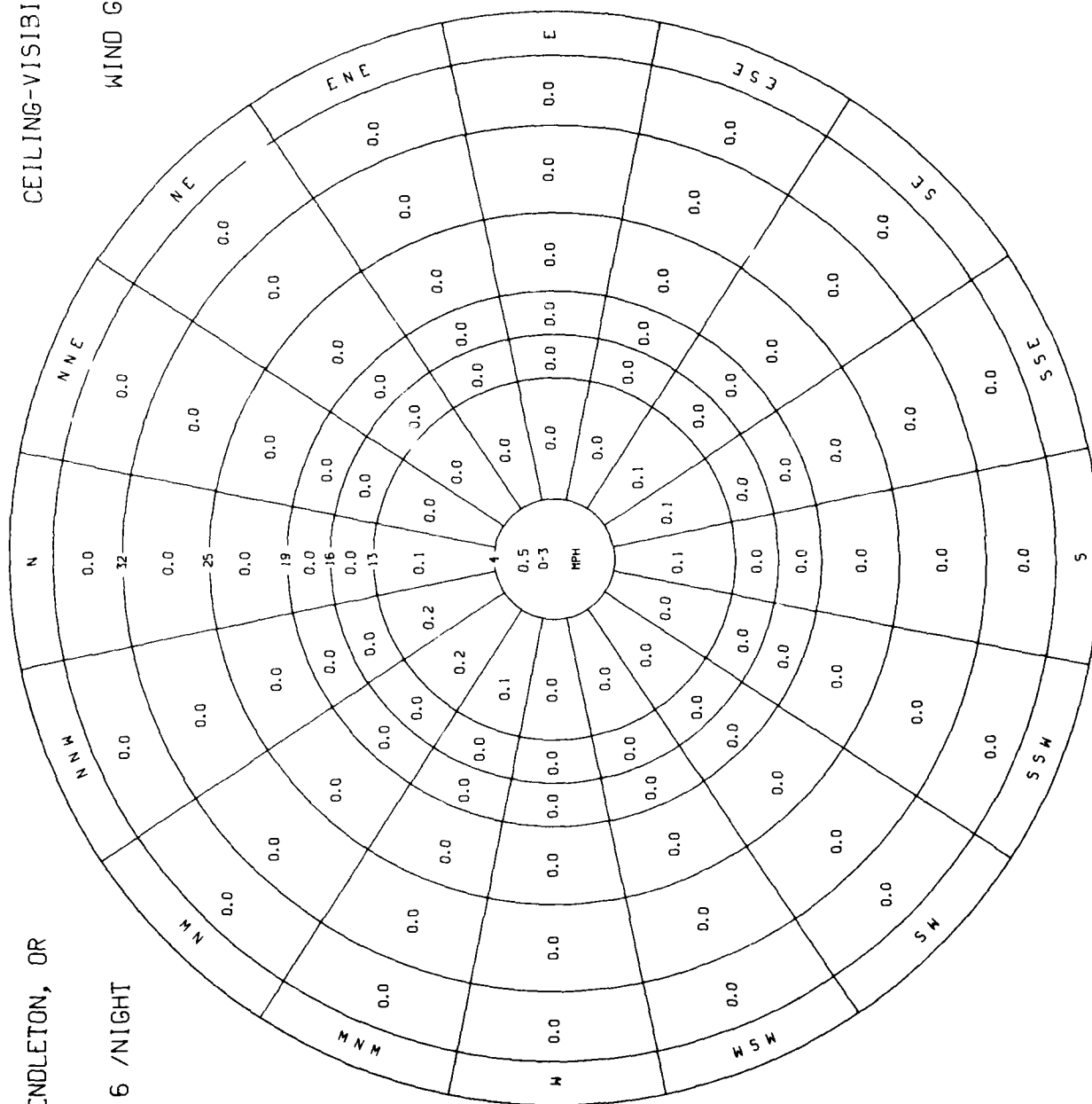
NO. OBS.: 402

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.7	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
NNE	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
NE	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
ENE	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
E	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
ESE	.0	1.5	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
SE	.0	1.2	.1	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.7
SSE	.0	2.7	.0	5.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
S	.0	3.0	.1	6.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.5
SSW	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
SW	.0	.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
WSW	.0	1.2	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
W	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
WNW	.0	1.5	.0	4.2	.0	1.0	.0	.0	.0	1.0	.0	.2	.0	.0	8.0
NW	.0	1.5	.1	15.7	.0	2.5	.0	1.0	.0	.7	.0	.0	.0	.0	21.4
NNW	.0	1.0	.1	8.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	9.2
CALM	.1	10.7												.1	10.7
TOTAL	.3	30.8	.5	62.4	.0	3.7	.0	1.0	.0	1.7	.0	.2	.0	.0	6.0

POT PENDLETON, OR

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDT PENDLETON, OR

PERIOD: 1949-1976

CLASS 6 / NIGHT

STATION NUMBER: 24155

NO. OBS.: 536

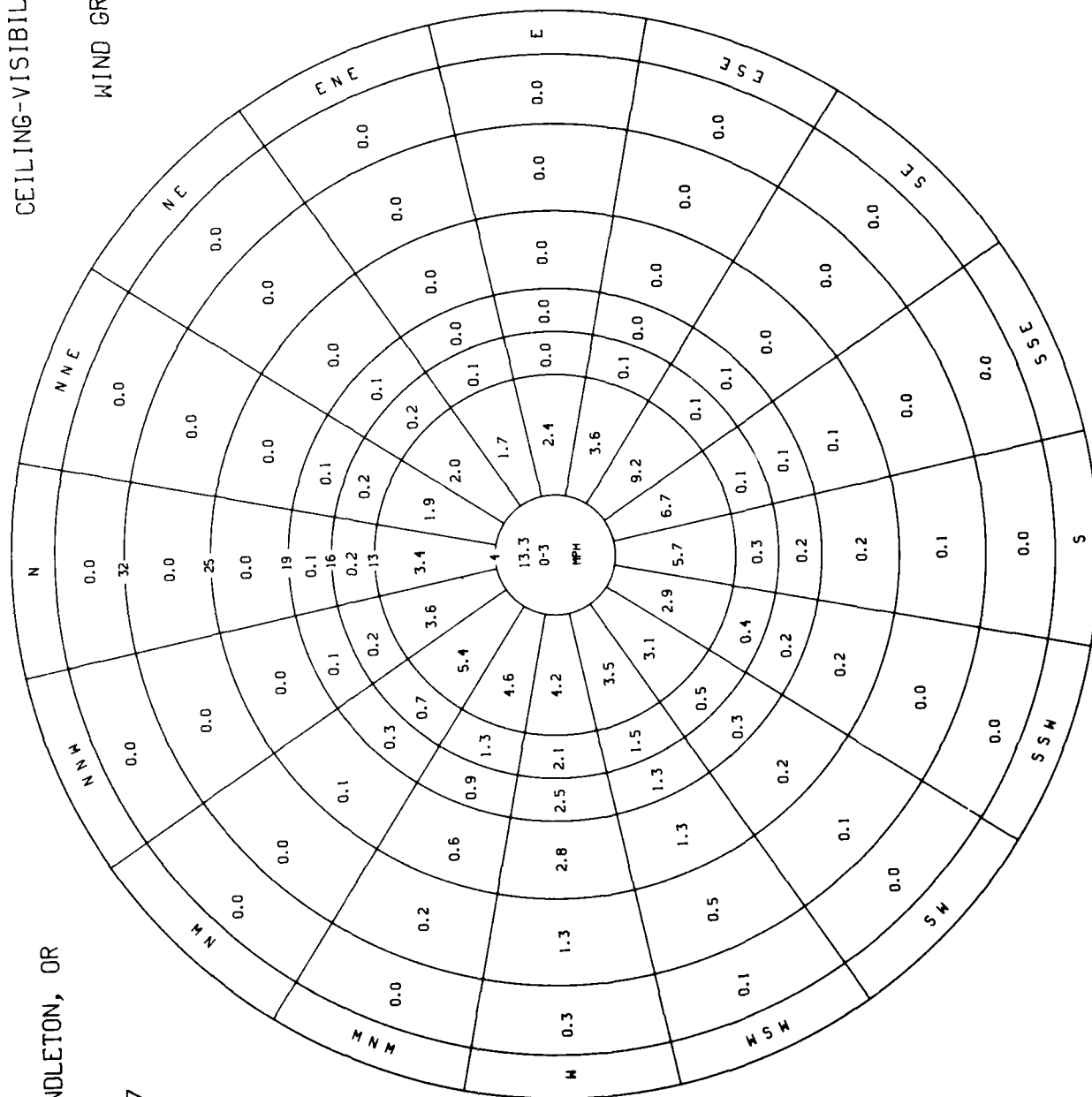
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.8
NNE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NE	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
ENE	.0	.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.0
E	.0	.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
ESE	.0	3.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.0
SE	.1	3.5	.1	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 11.9
SSE	.0	1.5	.1	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.7
S	.0	1.7	.1	4.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.2
SSW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SW	.0	.7	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
WSW	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
W	.0	1.1	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
WNW	.0	1.3	.1	4.7	.0	.6	.0	.7	.0	.2	.0	.4	.0	.2	.1 8.0
NW	.0	2.8	.2	11.8	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.3 16.6
NNW	.0	1.1	.2	9.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2 10.8
CALM	.2	9.7													.2 9.7
TOTAL	.5	31.9	1.0	63.8	.0	2.2	.0	1.3	.0	.2	.0	.4	.0	.2	1.6 100

PDT PENDLETON, OR

WIND GRAPH

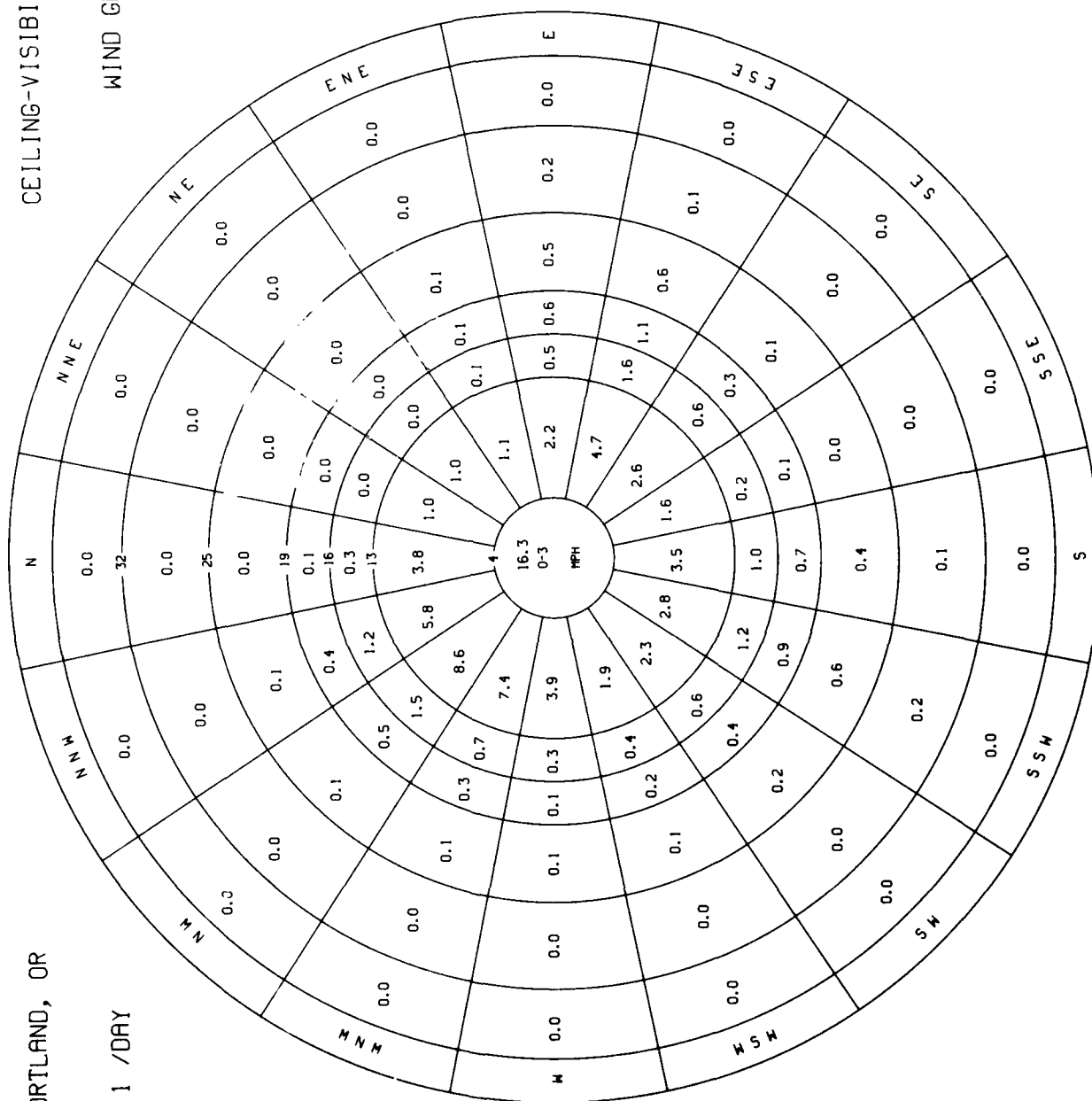
CLASS 7

CLASS 7



CEILING-VISIBILITY

WIND GRAPH



PDX PORTLAND, OR

CLASS 1 /DAY

PRECEDING PAGE BLANK

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PDX PORTLAND, OR

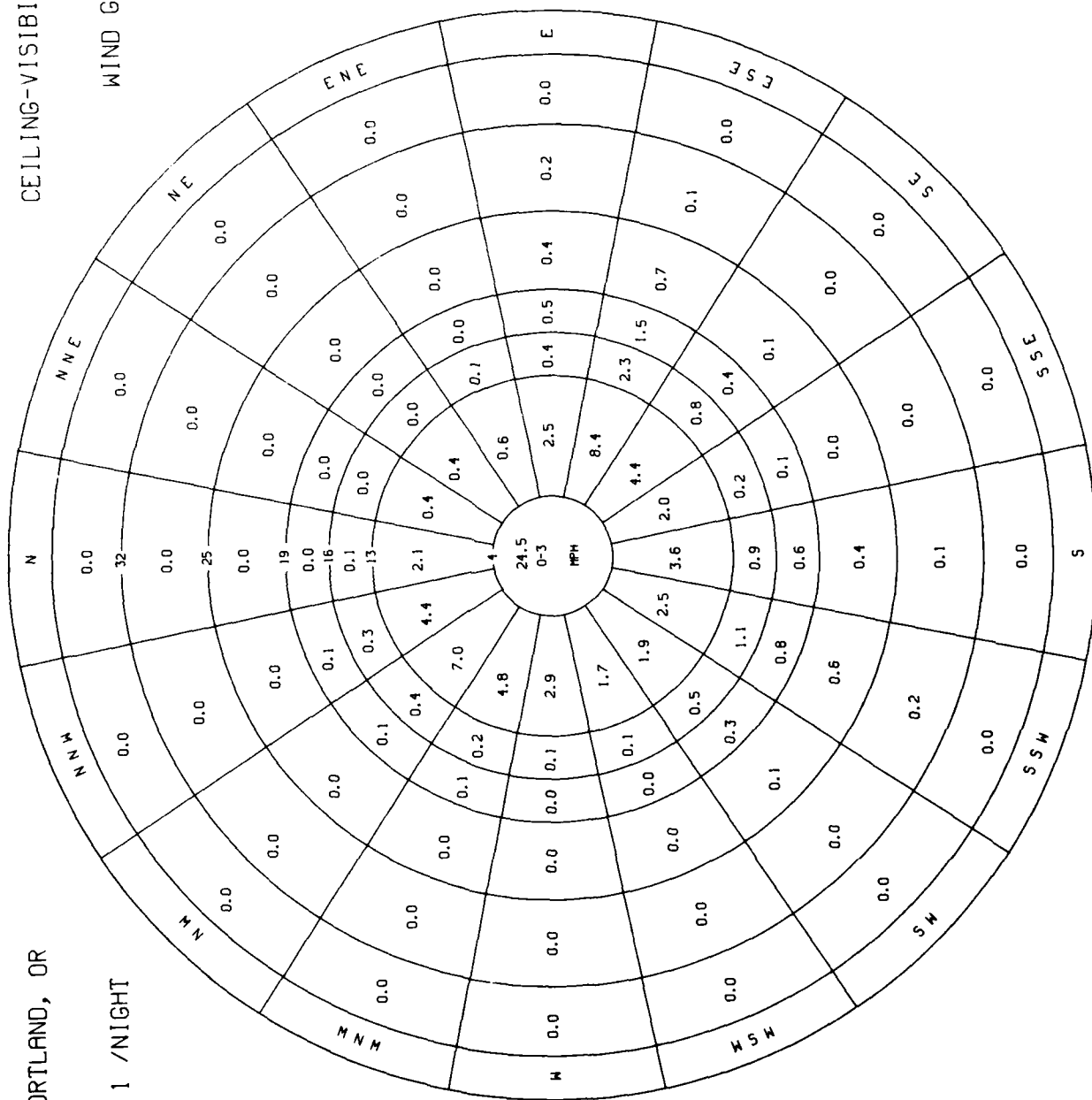
CLASS 1 / DAY

NO. OBS.: 45016

STATION NUMBER: 24229

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
N	1.1	1.2	3.8	4.2	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.3	5.9	7.0
NNE	.5	.6	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.7	5.0
NE	.5	.6	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	1.7	4.9
ENE	.4	.4	1.1	1.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.8	1.9	7.7
E	.6	.7	2.2	2.5	.5	.6	.6	.6	.5	.5	.2	.2	.0	.0	4.6	5.1	11.1
ESE	.6	.6	4.7	5.2	1.6	1.8	1.1	1.2	.6	.6	.1	.1	.0	.0	8.6	9.5	11.1
SE	.6	.6	2.6	2.9	.6	.7	.3	.3	.1	.1	.0	.0	.0	.0	4.2	4.7	9.1
SSE	.3	.4	1.6	1.8	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.3	2.5	8.0
S	.4	.5	3.5	3.9	1.0	1.1	.7	.7	.4	.5	.1	.1	.0	.0	6.1	6.8	11.1
SSW	.2	.3	2.8	3.1	1.2	1.3	.9	1.0	.6	.7	.2	.2	.0	.0	6.0	6.6	12.7
SW	.5	.5	2.3	2.6	.6	.7	.4	.4	.2	.2	.0	.0	.0	.0	4.0	4.5	10.3
WSW	.4	.4	1.9	2.2	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	3.0	3.3	9.1
W	.8	.8	3.9	4.3	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	5.1	5.7	7.6
WNW	.9	1.0	7.4	8.2	.7	.8	.3	.3	.1	.1	.0	.0	.0	.0	9.4	10.4	8.2
NW	1.5	1.7	8.6	9.5	1.5	1.7	.5	.5	.1	.1	.0	.0	.0	.0	12.2	13.5	8.5
NNW	.9	1.0	5.8	6.5	1.2	1.3	.4	.5	.1	.1	.0	.0	.0	.0	8.5	9.4	8.9
CALM	6.1	6.7													6.1	6.7	
TOTAL	16.3	18.1	54.1	60.1	10.3	11.5	5.8	6.5	2.8	3.1	.6	.7	.1	.1	90.1	100	8.6

PDX PORTLAND, OR
 CLASS 1 / NIGHT
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDX PORTLAND, OR

PERIOD: 1948-1978

CLASS 1 / NIGHT

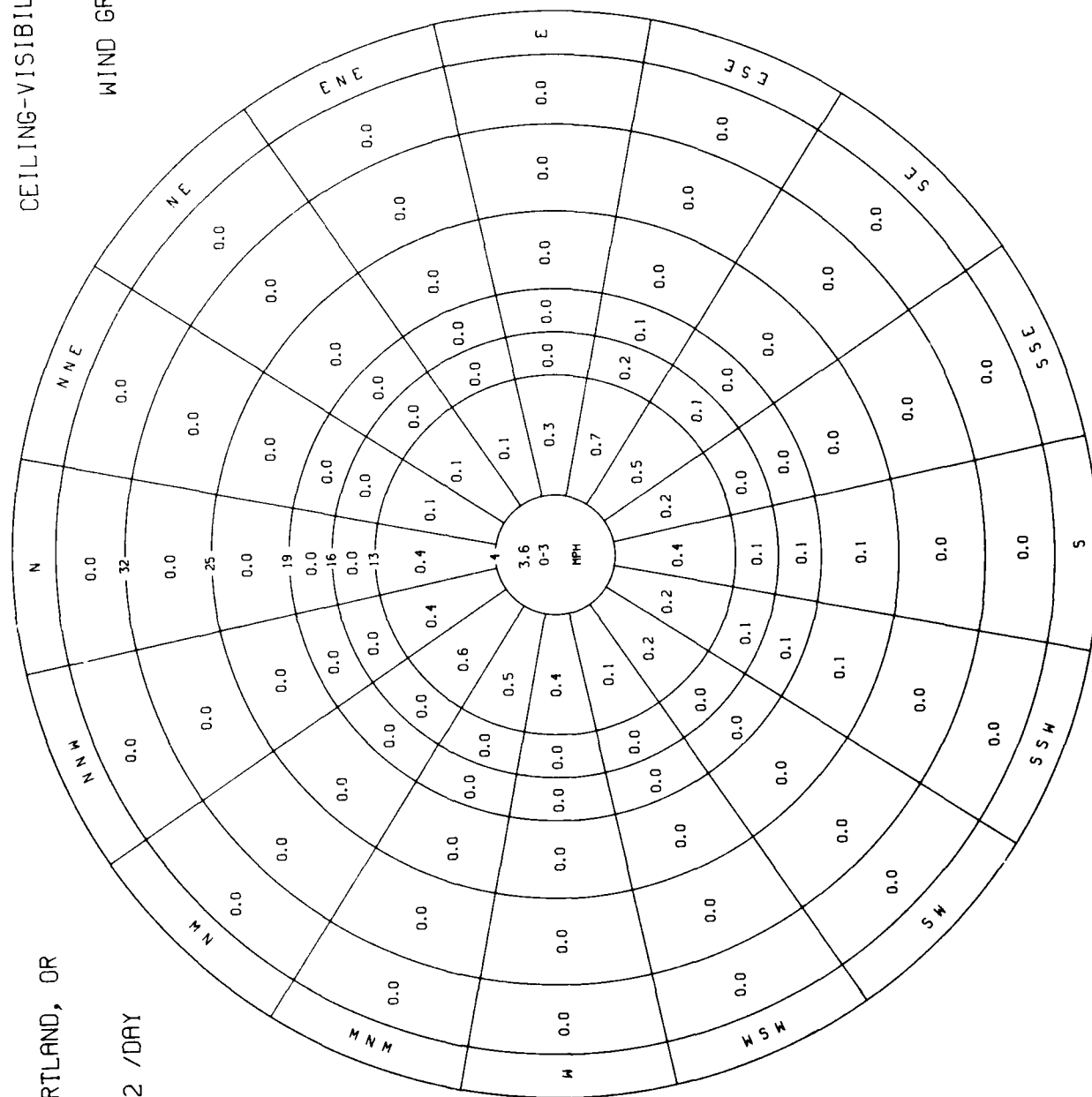
STATION NUMBER: 24229

NO. OBS.: 36027

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.7	.8	2.1	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.2	6.2
NNE	.3	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.8	4.6
NE	.4	.4	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	4.5
ENE	.3	.3	.6	.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	7.1
E	.8	.9	2.5	2.8	.4	.5	.5	.5	.4	.4	.2	.2	.0	.0	4.8	5.4	10.1
ESE	1.2	1.3	8.4	9.4	2.3	2.5	1.5	1.6	.7	.8	.1	.1	.0	.0	14.0	15.8	10.3
SE	1.0	1.2	4.4	4.9	.8	.9	.4	.4	.1	.1	.0	.0	.0	.0	6.6	7.4	8.3
SSE	.7	.7	2.0	2.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	3.1	3.4	7.4
S	.8	.9	3.6	4.0	.9	1.0	.6	.7	.4	.5	.1	.1	.0	.0	6.3	7.1	10.3
SSW	.4	.4	2.5	2.8	1.1	1.2	.8	.9	.6	.6	.2	.2	.0	.0	5.6	6.3	12.6
SW	.6	.7	1.9	2.1	.5	.5	.3	.3	.1	.1	.0	.0	.0	.0	3.4	3.8	9.2
WSW	.7	.7	1.7	1.9	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.9	6.5
W	1.2	1.3	2.9	3.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.2	4.7	5.7
WNW	1.1	1.2	4.8	5.4	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6.1	6.9	6.8
NW	1.6	1.8	7.0	7.8	.4	.5	.1	.1	.0	.0	.0	.0	.0	.0	9.1	10.2	7.1
NNW	.8	.9	4.4	4.9	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	5.6	6.3	7.4
CALM	12.0	13.5													12.0	13.5	
TOTAL	24.5	27.5	49.4	55.6	7.4	8.3	4.4	5.0	2.4	2.7	.6	.7	.1	.1	88.8	100	7.4

PDX PORTLAND, OR

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PDX PORTLAND, OR

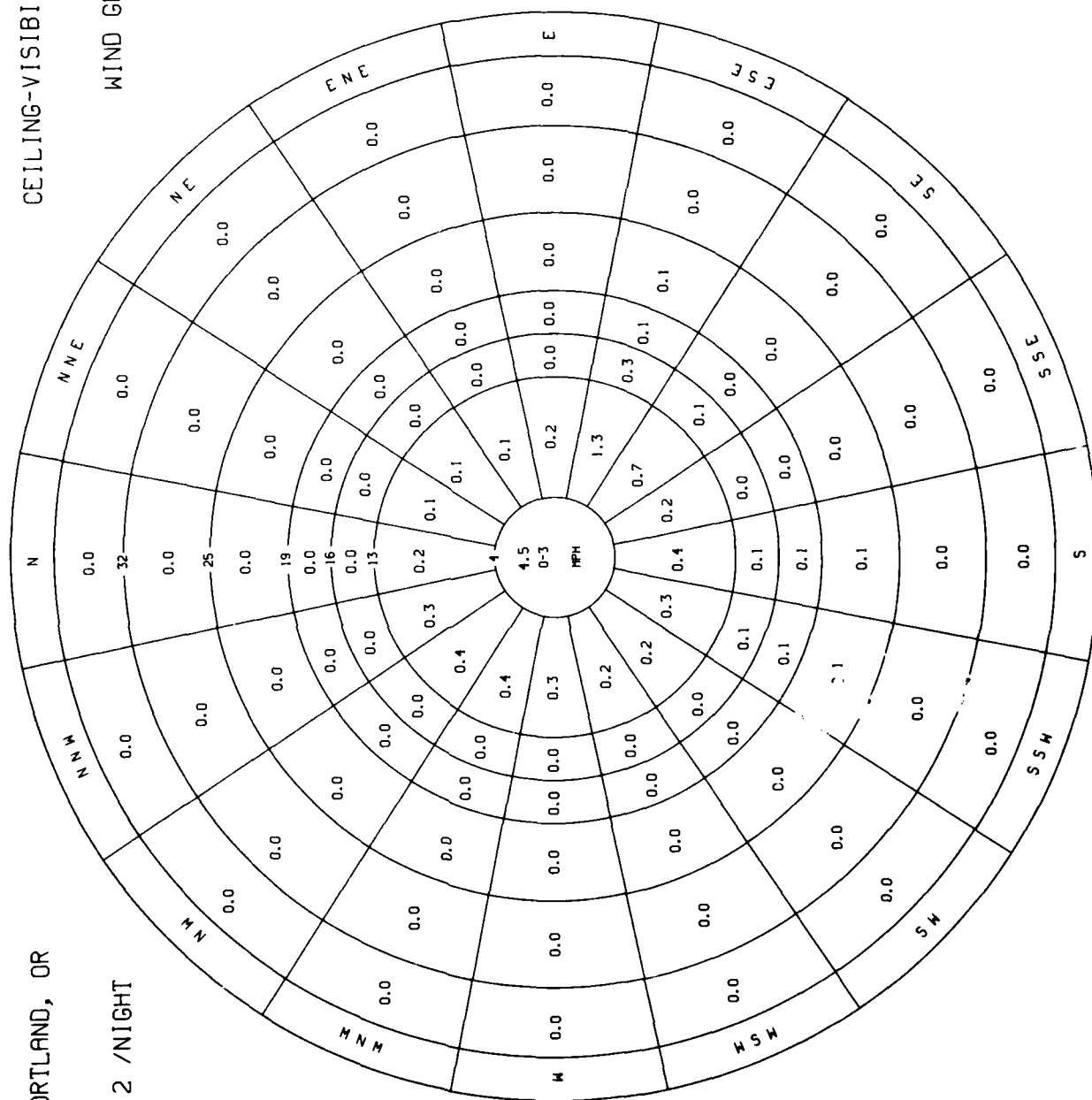
CLASS 2 / DAY

NO. OBS.: 4970

STATION NUMBER: 24229

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.2	1.5	.4	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 5.4
NNE	.1	.8	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.6
NE	.1	.9	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
ENE	.1	.7	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.8
E	.1	1.0	.3	2.7	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.4 4.1
ESE	.1	1.2	.7	7.2	.2	1.8	.1	.8	.0	.4	.0	.0	.0	.0	1.2 11.6
SE	.1	1.4	.5	4.7	.1	.7	.0	.3	.0	.0	.0	.0	.0	.0	.7 7.3
SSE	.1	.8	.2	2.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.4
S	.1	1.4	.4	3.7	.1	.7	.1	.7	.1	.6	.0	.1	.0	.0	.7 7.2
SSW	.1	.6	.2	2.4	.1	.9	.1	1.0	.1	.9	.0	.2	.0	.0	.6 6.1
SW	.1	1.0	.2	1.9	.0	.5	.0	.3	.0	.2	.0	.1	.0	.0	.4 3.9
WSW	.1	.8	.1	1.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.2 2.4
W	.2	1.8	.4	4.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.6 6.0
WNW	.2	1.7	.5	4.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 6.7
NW	.3	2.7	.6	5.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.8 8.4
NNW	.1	1.3	.4	4.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.6 5.7
CALM	1.7	16.7									.1	.6	.0	.1	1.7 16.7
TOTAL	3.6	36.5	5.1	51.4	.6	5.5	.3	3.4	.2	2.4	.1	.6	.0	.1	9.9 100

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDX PORTLAND, OR

PERIOD: 1948-1978

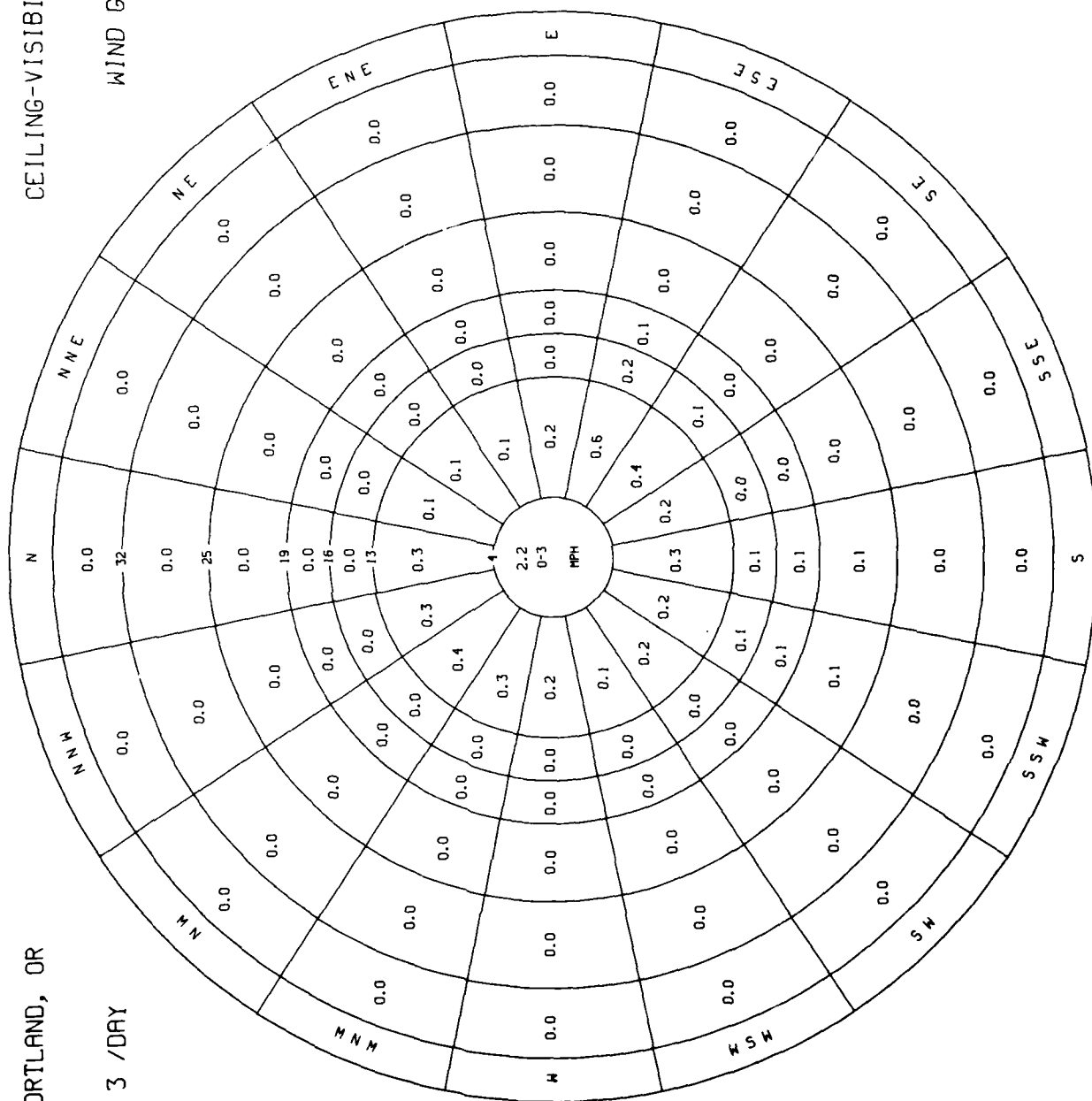
CLASS 2 / NIGHT

STATION NUMBER: 24229

NO. OBS.: 4539

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.1	.9	.2	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.7	5.4
NNE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.6
NE	.1	.6	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.3
ENE	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	6.5
E	.1	1.0	.2	1.8	.0	.2	.0	.1	.0	.2	.0	.1	.0	.0	.0	.4	3.4	7.7
ESE	.2	1.7	1.3	11.2	.3	2.3	.1	1.2	.1	.6	.0	.1	.0	.0	1.9	17.1	9.5	
SE	.2	1.7	.7	6.1	.1	1.0	.0	.4	.0	.1	.0	.0	.0	.0	1.0	9.1	7.7	
SSE	.1	1.1	.2	2.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.4	3.3	6.3	
S	.2	1.5	.4	4.0	.1	1.0	.1	.7	.1	.5	.0	.1	.0	.0	.9	7.8	9.4	
SSH	.1	.6	.3	2.4	.1	1.2	.1	1.1	.1	1.1	.0	.3	.0	.0	.8	6.8	13.1	
SW	.1	1.2	.2	1.9	.0	.2	.0	.2	.0	.2	.0	.1	.0	.0	.4	3.7	7.6	
WSW	.1	1.1	.2	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	5.1	
W	.2	1.9	.3	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0	4.7	
WNW	.1	1.1	.4	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.4	5.7	
NW	.2	1.6	.4	3.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.2	5.6	
NNW	.1	.7	.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	6.0	
CALM	2.5	22.5													2.5	22.5		
TOTAL	4.5	39.8	5.2	46.7	.7	6.3	.4	3.8	.3	2.7	.1	.7	.0	.0	11.2	100	6.1	

PDX PORTLAND, OR
CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PDX PORTLAND, OR

CLASS 3 / DAY

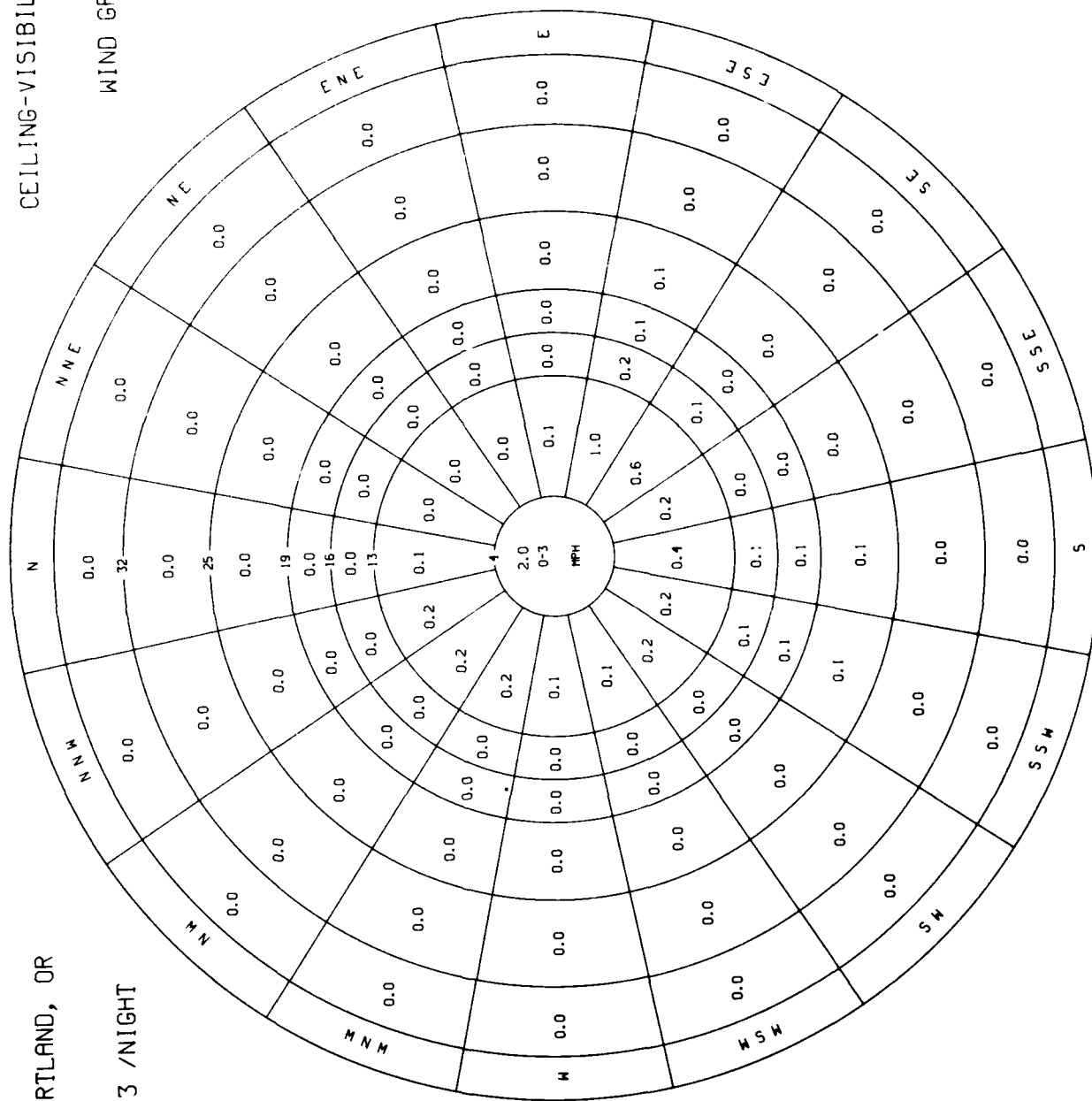
NO. OBS.: 3657

STATION NUMBER: 24229

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	1.6	.3	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.9	5.5
NNE	.1	.8	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	4.3
NE	.1	.9	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	4.1
ENE	.0	.6	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.3
E	.1	1.1	.2	3.0	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	4.6	7.5
ESE	.1	1.1	.6	8.4	.2	2.3	.1	1.1	.0	.3	.0	.0	.0	.0	.0	1.0	13.3	9.8
SE	.1	1.5	.4	5.4	.1	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.6	8.2	7.9
SSE	.1	.7	.2	2.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	3.8	7.0
S	.1	1.3	.3	4.6	.1	1.0	.1	.9	.1	.8	.0	.2	.0	.0	.0	.6	8.8	10.4
SSW	.0	.6	.2	3.1	.1	1.3	.1	1.3	.1	1.2	.0	.3	.0	.0	.0	.6	7.7	13.3
SW	.1	.7	.2	2.2	.0	.6	.0	.4	.0	.3	.0	.1	.0	.0	.0	.3	4.2	9.8
WSW	.0	.6	.1	1.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	2.1	7.1
W	.1	1.1	.2	2.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	4.1	5.9
WNW	.1	1.6	.3	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.9	5.9
NW	.2	2.5	.4	5.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	8.4	5.8
NNW	.1	1.2	.3	4.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.9	6.6
CALM	.9	12.1														.9	12.1	
TOTAL	2.2	30.0	4.0	54.6	.5	7.3	.3	4.5	.2	2.9	.0	.6	.0	.1	.7	3	100	7.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PDX PORTLAND, OR

CLASS 3 / NIGHT

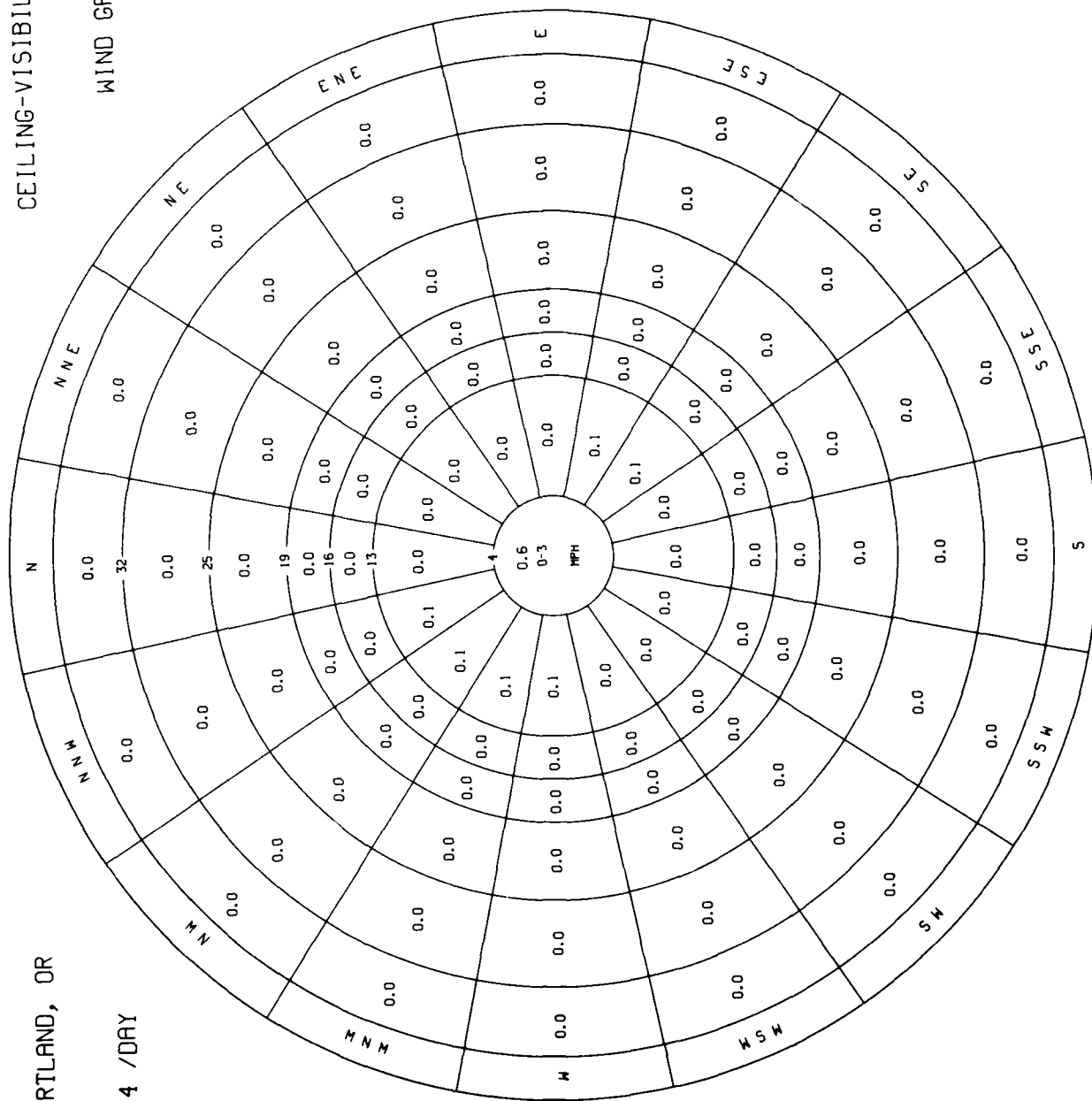
NO. OBS.: 2911

STATION NUMBER: 24229

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.7	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
NNE	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .8
NE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
ENE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .9
E	.1	.8	.1	1.9	.0	.3	.0	.1	.0	.2	.0	.1	.0	.0	.2 3.4
ESE	.1	1.5	1.0	14.5	.2	3.4	.1	1.8	.1	.8	.0	.1	.0	.0	1.6 22.0
SE	.1	1.6	.6	8.1	.1	1.3	.0	.5	.0	.1	.0	.0	.0	.0	.8 11.6
SSE	.1	1.0	.2	2.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.3 4.1
S	.1	1.5	.4	5.3	.1	1.5	.1	1.0	.1	.8	.0	.2	.0	.0	.7 10.3
SSW	.0	.4	.2	3.2	.1	1.9	.1	1.7	.1	1.7	.0	.5	.0	.0	.7 9.3
SW	.1	1.0	.2	2.1	.0	.2	.0	.4	.0	.3	.0	.1	.0	.0	.3 4.1
WSW	.0	.5	.1	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.1
W	.1	1.4	.1	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.1
WNW	.0	.7	.2	2.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2 3.0
NW	.1	1.2	.2	3.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.5
NNW	.0	.5	.2	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.0
CALM	1.0	14.4													1.0 14.4
TOTAL	2.0	28.2	3.7	51.7	.7	9.4	.4	5.8	.3	3.9	.1	1.0	.0	.0	7.2 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDX PORTLAND, OR

PERIOD: 1948-1978

CLASS 4 / DAY

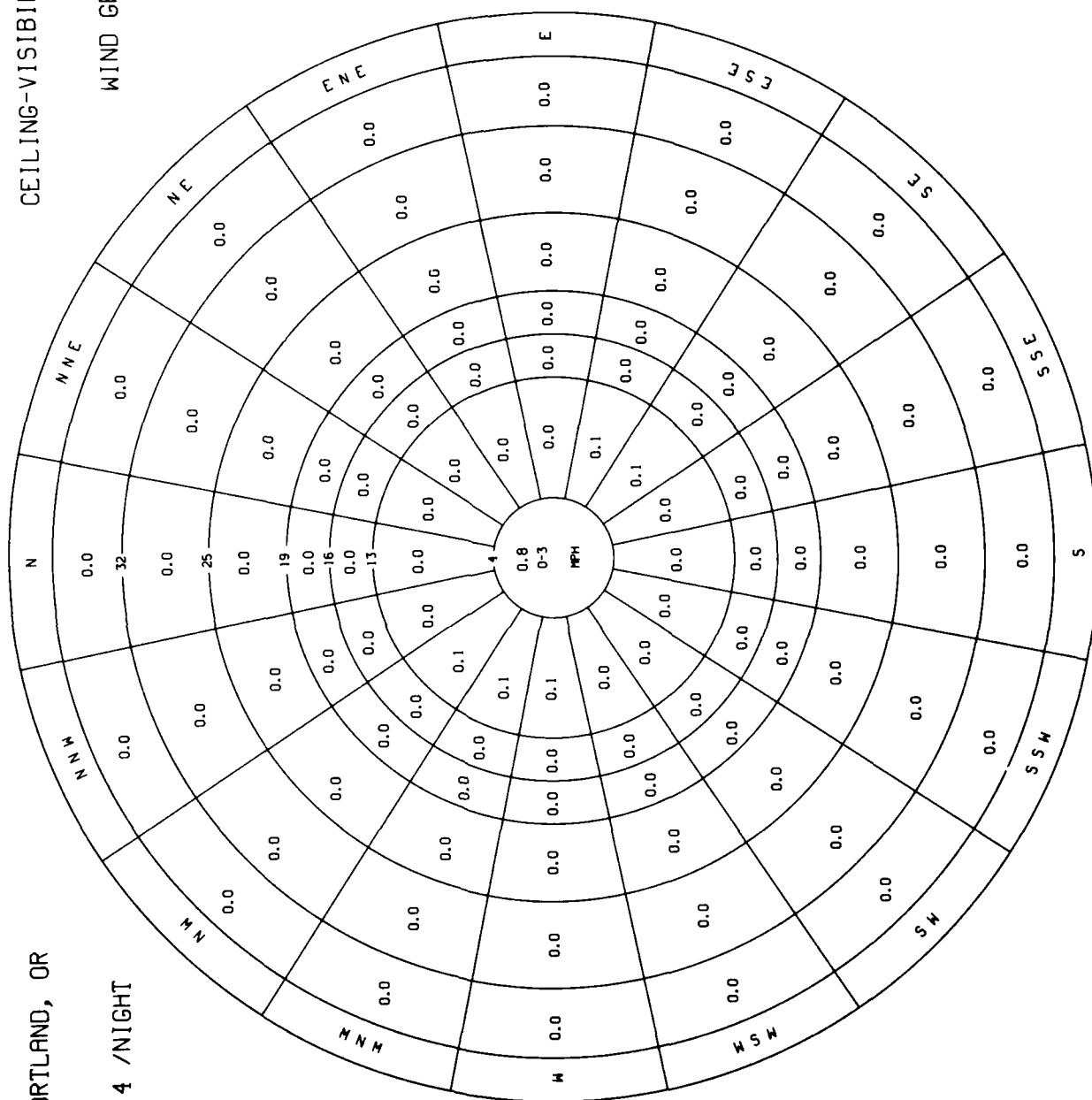
STATION NUMBER: 24229

NO. OBS.: 626

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
															C	D		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				C
N	.0	1.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	4.7
NNE	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.4
NE	.0	2.1	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.1
ENE	.0	1.0	.0	1.1	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	2.2	5.9
E	.0	1.3	.0	2.6	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.1	4.2	6.5
ESE	.0	1.9	.1	5.9	.0	1.0	.0	.3	.0	1.6	.0	.2	.0	.0	.0	.1	10.9	9.6
SE	.0	.8	.1	4.3	.0	.5	.0	.2	.0	.2	.0	.0	.0	.0	.0	.1	5.9	7.5
SSE	.0	1.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	4.6
S	.0	1.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	4.1
SSW	.0	.8	.0	.6	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.4
SW	.0	1.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.6
WSW	.0	.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	4.2
W	.0	2.1	.1	5.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	5.3
WNW	.0	1.6	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.5	5.8
NW	.0	2.9	.1	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.1	5.2
NNW	.0	2.6	.1	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.3	5.1
CALM	.3	24.0														.3	24.0	
TOTAL	.6	46.8	.6	48.6	.0	1.4	.0	.8	.0	1.9	.0	.5	.0	.0	.0	1.3	100	4.5

CEILING-VISIBILITY

WIND GRAPH



PDX PORTLAND, OR

CLASS 4 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDX PORTLAND, OR

PERIOD: 1948-1978

CLASS 4 / NIGHT

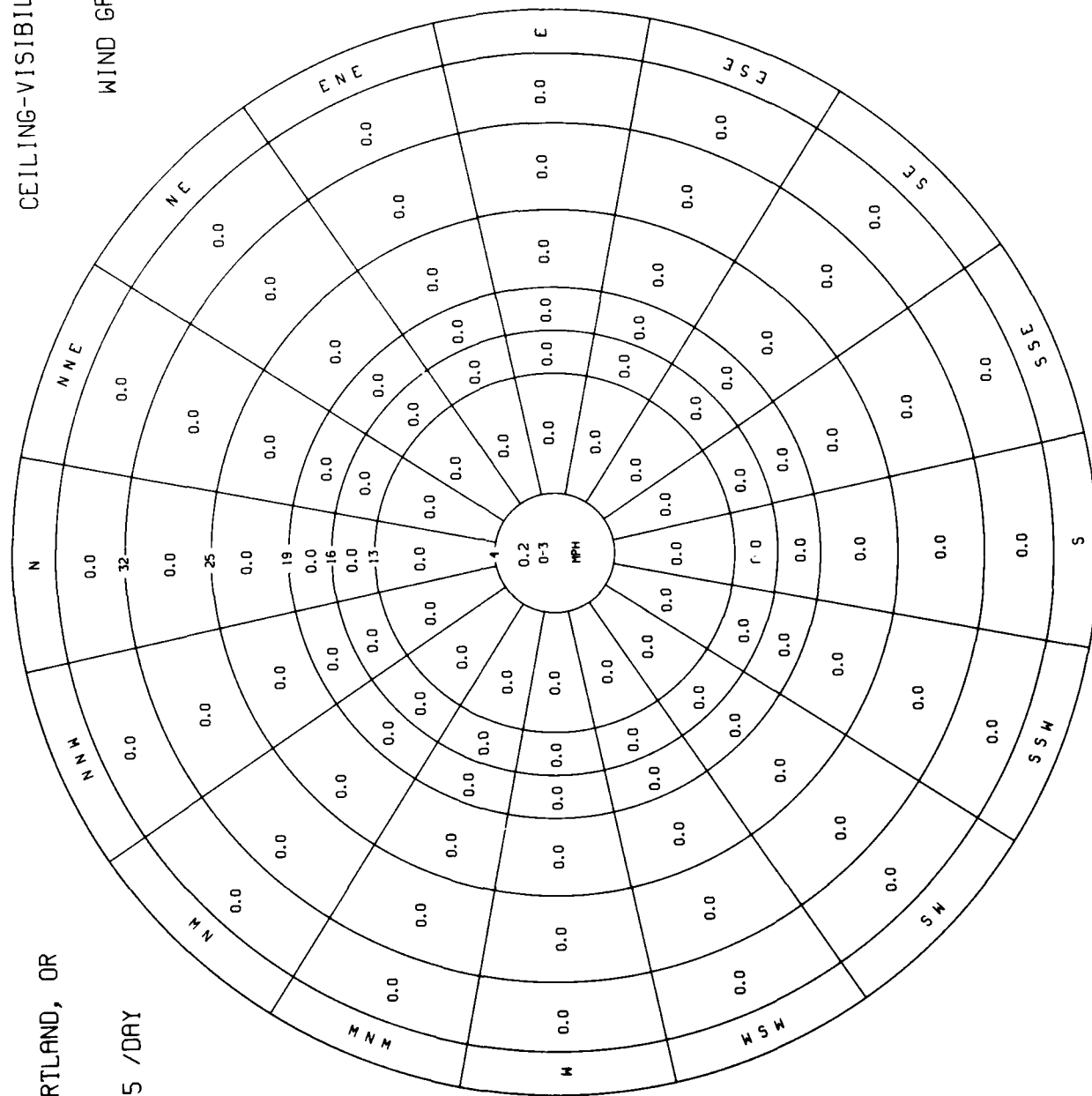
STATION NUMBER: 24229

NO. OBS.: 601

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.5
NNE	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
NNE	.0	1.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
ENE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .5
E	.0	1.7	.0	1.5	.0	.2	.0	.0	.0	.3	.0	.2	.0	.2	.1 4.0
ESE	.0	3.2	.1	9.0	.0	.7	.0	.5	.0	.5	.0	.2	.0	.0	.2 14.0
SE	.0	2.2	.1	4.2	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.1 7.5
SSE	.0	1.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
S	.0	1.2	.0	3.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
SSH	.0	.7	.0	1.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0 2.3
SW	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
WSW	.0	1.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
W	.0	2.7	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.8
WNW	.0	2.0	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.8
NNW	.0	2.8	.1	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.3
NNW	.0	1.2	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.5
CALM	.4	30.0													.4 30.0
TOTAL	.8	54.1	.6	41.6	.0	1.8	.0	.8	.0	1.0	.0	.5	.0	.2	1.5 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PDX PORTLAND, OR

CLASS 5 / DAY

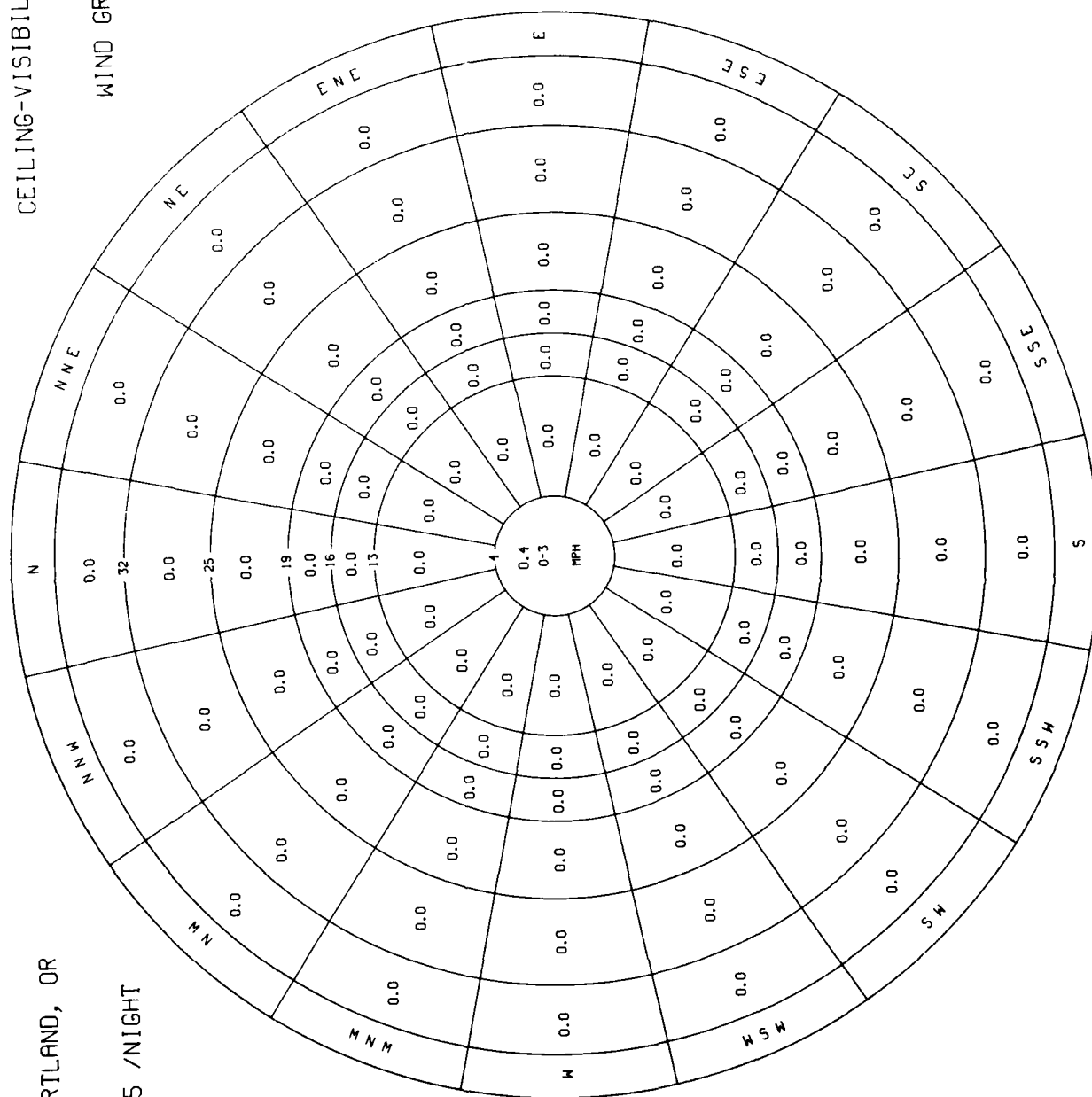
NO. OBS.: 219

STATION NUMBER: 24229

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.5	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	5.6
NNE	.0	2.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.1
NNE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
ENE	.0	1.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.5
E	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.5	.0	.5	.0	.5	.0	4.1	12.0
ESE	.0	.9	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.5	.0	.0	.0	3.7	7.7
SE	.0	1.8	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.6
SSE	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.5
S	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
SSW	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	2.7
SW	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	1.8
WSW	.0	2.7	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.0	4.2
W	.0	3.2	.0	9.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.8	5.2
WNW	.0	2.3	.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	12.3	5.6
NW	.0	3.2	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.3	4.6
NNW	.0	.5	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6	5.7
CALM	.1	26.9													.1	26.9	
TOTAL	.2	53.4	.2	44.7	.0	.0	.0	.0	.0	.5	.0	.9	.0	.5	.4	100	3.8

CEILING-VISIBILITY

WIND GRAPH



PDX PORTLAND, OR

CLASS 5 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: PDX PORTLAND, OR

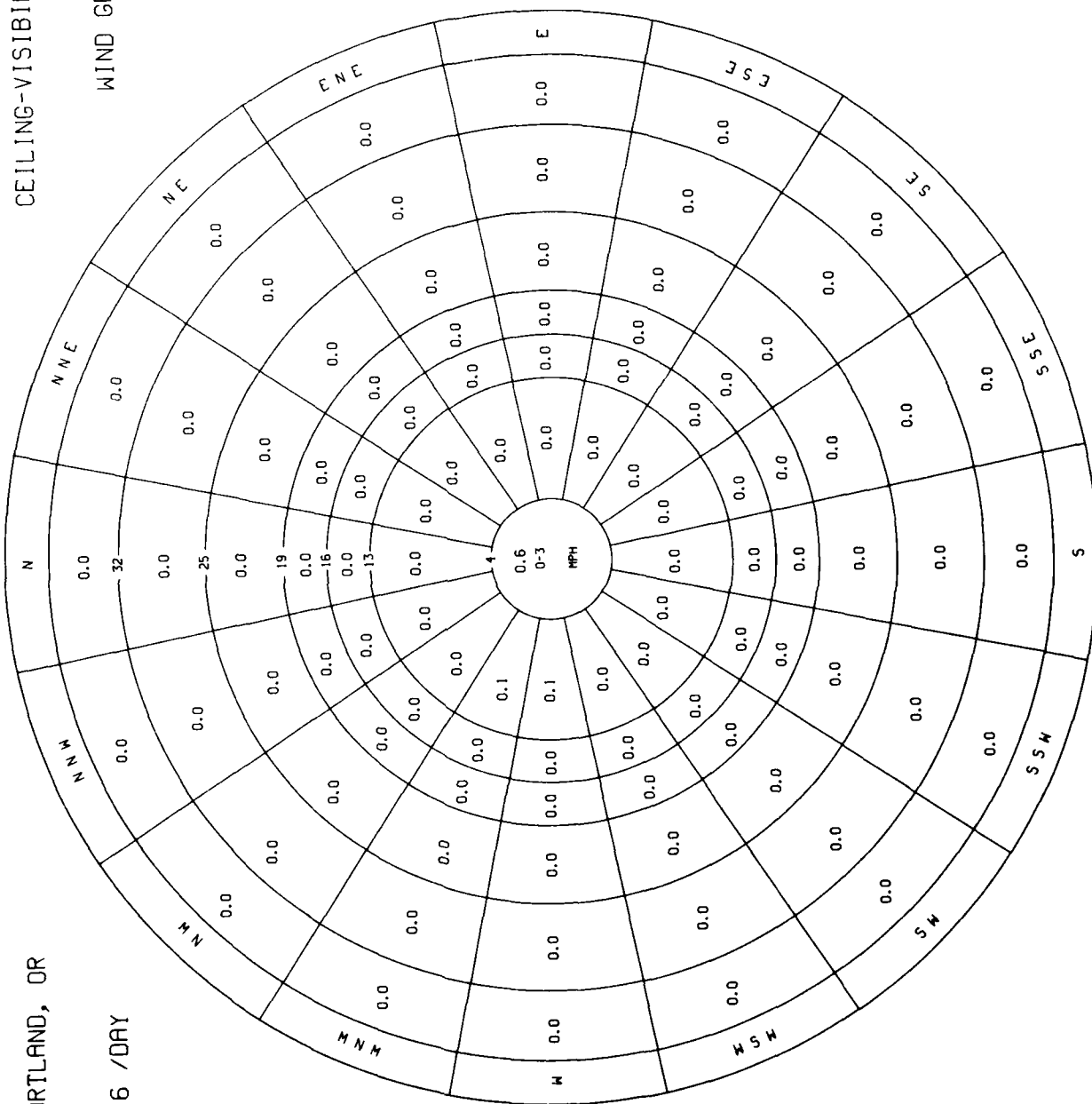
CLASS 5 / NIGHT

NO. OBS.: 296

STATION NUMBER: 24229

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.9
NNE	.0	.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.3
NE	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.6
ENE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.5
E	.0	2.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7	4.3
ESE	.0	1.0	.0	3.4	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	5.1	7.3
SE	.0	1.7	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	5.0
SSE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.5
S	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.7	5.8
SSW	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.5
SW	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.9
WSW	.0	3.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1	4.3
W	.0	2.0	.0	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.8	5.3
WNW	.0	2.0	.0	6.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.4	5.5
NW	.0	1.7	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.4	5.2
NNW	.0	1.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	5.7
CALM	.3	36.5													.3	36.5	
TOTAL	.4	55.7	.3	43.6	.0	.0	.0	.0	.0	.7	.0	.0	.0	.0	.7	100	3.3

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDX PORTLAND, OR

PERIOD: 1948-1978

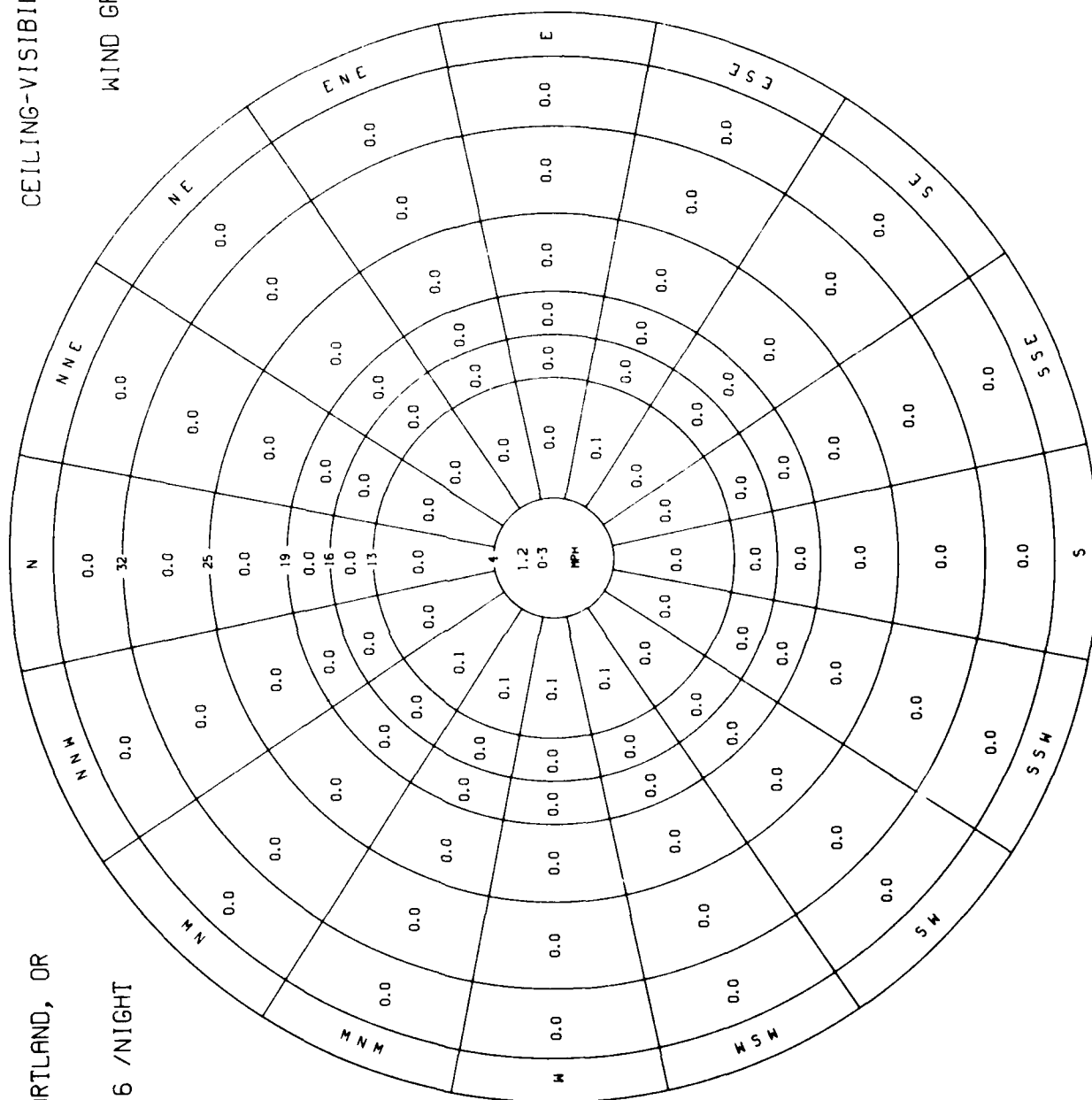
CLASS 6 / DAY

STATION NUMBER: 24229

NO. OBS.: 468

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	1.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.8	4.2
NNE	.0	.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.6
NE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	5.2
ENE	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	1.3	7.7
E	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.7
ESE	.0	1.1	.0	1.7	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	3.0	5.8
SE	.0	1.7	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.9
SSE	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.3
S	.0	2.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4	3.3
SSW	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.2
SW	.0	2.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.0
WSW	.0	1.9	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.1
W	.1	6.4	.1	9.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	15.8	4.5
WNW	.0	2.6	.1	6.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	9.4	5.2
NW	.0	3.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.3
NNW	.0	.9	.0	1.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	2.4	4.8
CALM	.4	38.9													.4	38.9	
TOTAL	.6	66.2	.3	33.3	.0	.0	.0	.0	.0	.2	.0	.2	.0	.0	.9	100	2.7

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: PDX PORTLAND, OR

PERIOD: 1948-1978

CLASS 6 / NIGHT

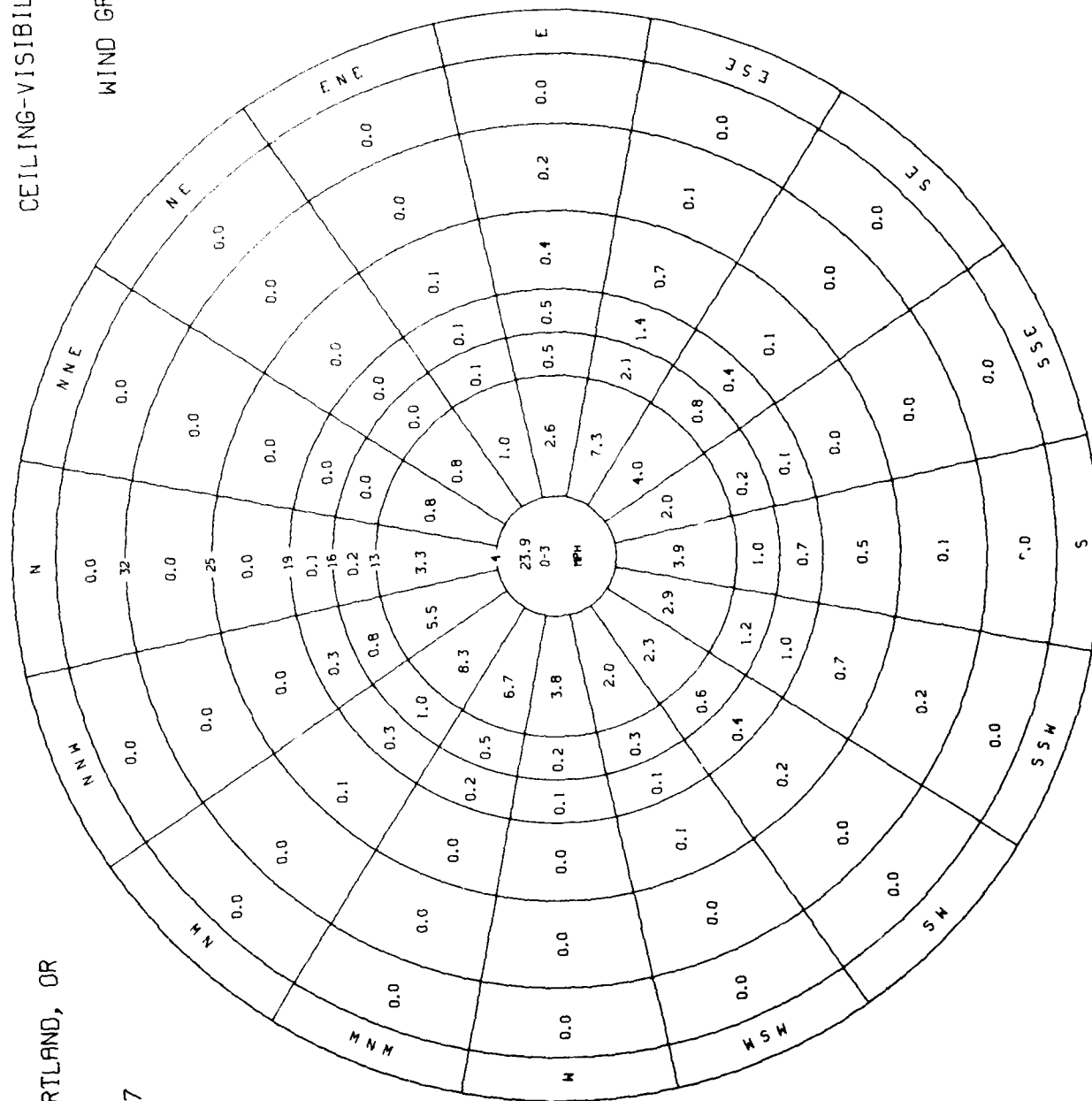
STATION NUMBER: 24229

NO. OBS.: 731

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.8	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
NNE	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
NE	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .8
ENE	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .1
E	.0	.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
ESE	.0	1.5	.1	3.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	.1 4.8
SE	.0	1.6	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 3.0
SSE	.0	1.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.5
S	.0	2.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 3.1
SSW	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
SW	.0	2.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 3.6
WSW	.0	2.6	.1	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 6.0
W	.1	3.1	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2 9.2
WNW	.0	1.6	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 7.3
NW	.0	2.1	.1	4.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1 6.4
NNW	.0	1.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.3
CALM	.8	43.2												.8	.8 43.2
TOTAL	1.2	67.6	.6	32.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	1.8	100 2.6

CEILING-VISIBILITY

WIND GRAPH

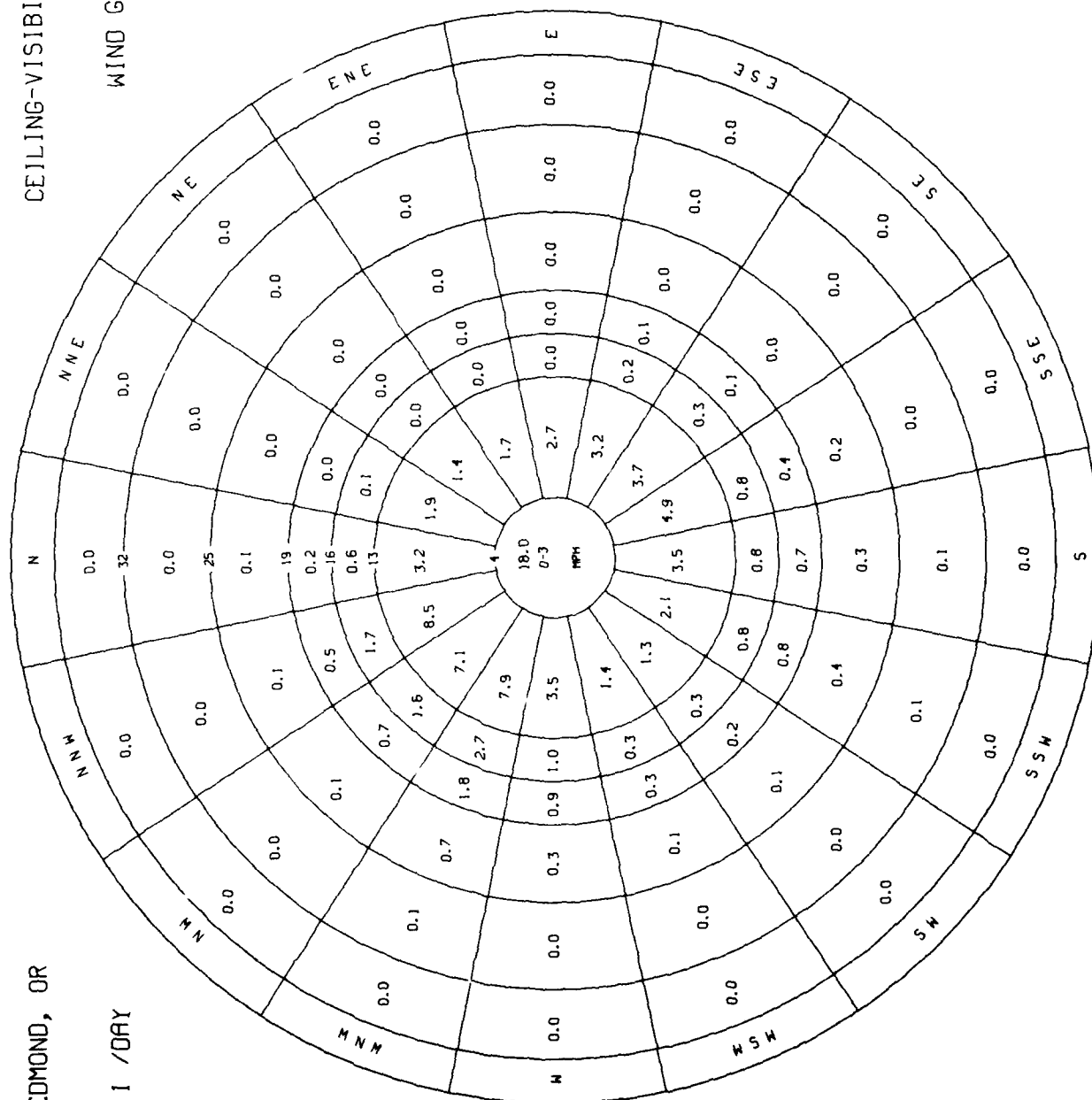


PDX PORTLAND, OR

CLASS 7

CEILING-VISIBILITY
WIND GRAPH

RDM REDMOND, OR
CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

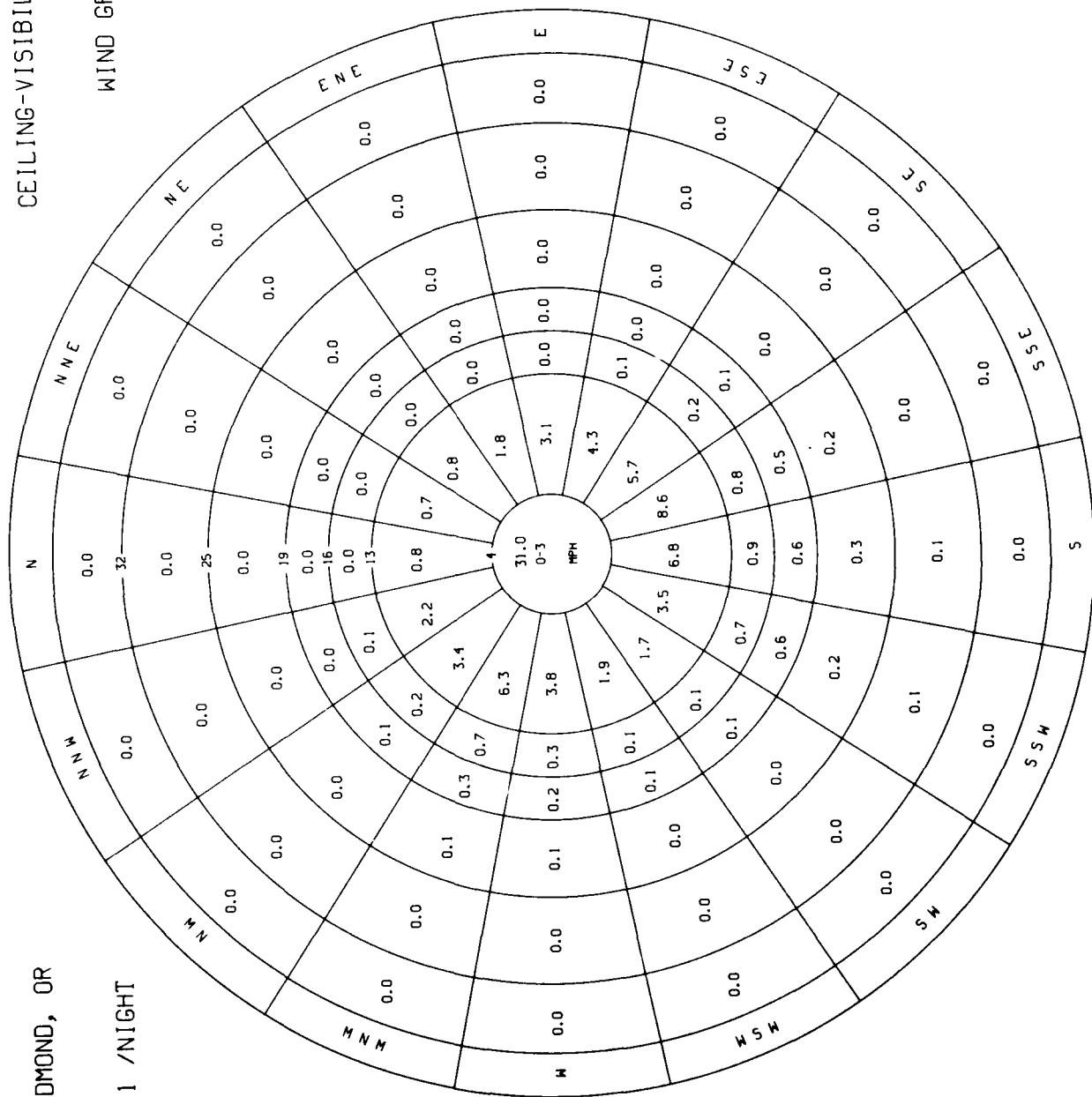
CLASS 1 / DAY

STATION NUMBER: 24230

NO. OBS.: 48450

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.4	.4	3.2	3.4	.6	.6	.2	.2	.1	.1	.0	.0	.0	.0	4.5	4.6	9.0
NNE	.4	.4	1.9	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	2.6	7.2
NE	.3	.3	1.4	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	1.8	6.2
ENE	.4	.4	1.7	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.2	6.1
E	.6	.6	2.7	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.4	6.1
ESE	.8	.8	3.2	3.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.3	4.4	6.5
SE	.8	.8	3.7	3.8	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	4.9	5.1	7.1
SSE	1.0	1.1	4.9	5.0	.8	.8	.4	.4	.2	.2	.0	.0	.0	.0	7.2	7.4	8.4
S	.4	.4	3.5	3.6	.8	.9	.7	.7	.3	.3	.1	.1	.0	.0	5.7	5.9	10.4
SSW	.3	.3	2.1	2.2	.8	.9	.8	.9	.4	.5	.1	.1	.0	.0	4.7	4.9	12.5
SW	.2	.2	1.3	1.3	.3	.3	.2	.3	.1	.1	.0	.0	.0	.0	2.2	2.3	10.3
WSW	.3	.3	1.4	1.5	.3	.3	.3	.3	.1	.1	.0	.0	.0	.0	2.4	2.5	9.9
W	.4	.4	3.5	3.6	1.0	1.1	.9	.9	.3	.3	.0	.0	.0	.0	6.2	6.4	11.0
WNW	.6	.6	7.9	8.2	2.7	2.8	1.8	1.9	.7	.7	.1	.1	.0	.0	13.8	14.2	11.2
NW	.5	.5	7.1	7.4	1.6	1.6	.7	.7	.1	.1	.0	.0	.0	.0	10.0	10.3	9.8
NNW	.6	.7	8.5	8.7	1.7	1.7	.5	.5	.1	.1	.0	.0	.0	.0	11.3	11.7	9.3
CALM	10.0	10.3													10.0	10.3	
TOTAL	18.0	18.6	58.0	59.8	11.2	11.6	6.9	7.1	2.3	2.4	.4	.4	.1	.1	96.9	100	8.4

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

CLASS 1 / NIGHT

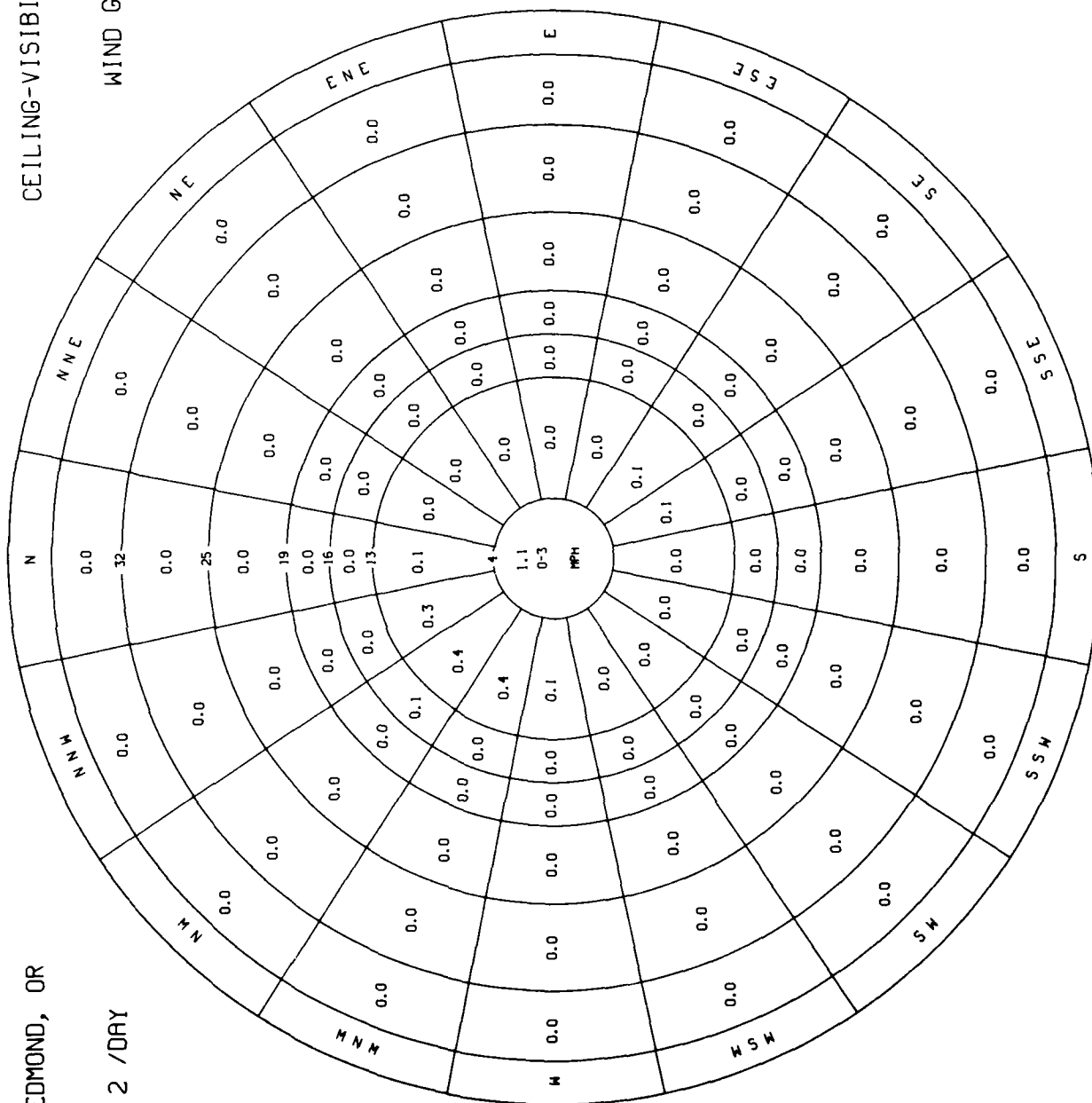
STATION NUMBER: 24230

NO. OBS.: 38359

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.3	.3	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	1.2	6.2
NNE	.4	.4	.7	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.1	5.2
NE	.3	.3	.8	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.2	5.4
ENE	.5	.6	1.8	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	2.4	5.6
E	.8	.8	3.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.2	5.8
ESE	1.1	1.2	4.3	4.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	5.6	5.9	6.1
SE	1.2	1.3	5.7	6.0	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	7.3	7.7	6.6
SSE	2.2	2.3	8.6	9.1	.8	.9	.5	.5	.2	.2	.0	.0	.0	.0	12.4	13.1	7.5
S	1.3	1.4	6.8	7.2	.9	1.0	.6	.6	.3	.3	.1	.1	.0	.0	9.9	10.5	8.5
SSW	.8	.9	3.5	3.7	.7	.8	.6	.6	.2	.3	.1	.1	.0	.0	6.0	6.3	9.2
SW	.6	.6	1.7	1.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.5	2.7	6.9
WSW	.5	.5	1.9	2.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.6	2.8	6.6
W	.8	.8	3.8	4.0	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	5.1	5.4	7.2
WNW	1.0	1.1	6.3	6.7	.7	.7	.3	.4	.1	.1	.0	.0	.0	.0	8.4	8.9	7.9
NW	.5	.5	3.4	3.5	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.1	4.3	7.4
NNW	.6	.6	2.2	2.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.1	6.7
CALM	18.1	19.1													18.1	19.1	
TOTAL	31.0	32.8	55.5	58.6	4.3	4.5	2.6	2.8	1.0	1.0	.2	.2	.1	.1	94.6	100	5.9

CEILING-VISIBILITY
WIND GRAPH

RDM REDMOND, OR
CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RDM REDMOND, OR

CLASS 2 / DAY

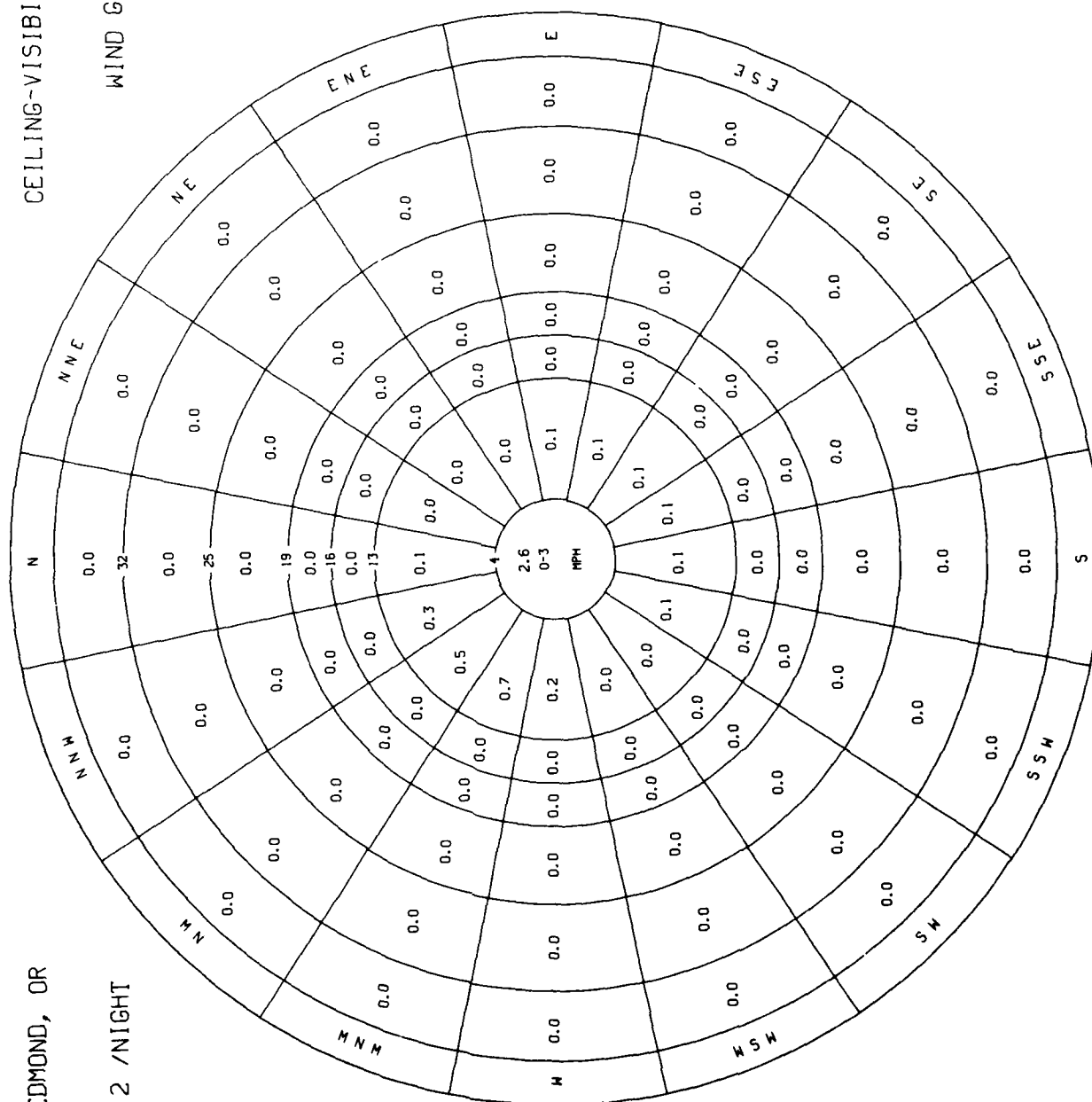
NO. OBS.: 1536

STATION NUMBER: 24230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.5	.1	1.8	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.6	7.5
NNE	.0	.1	.0	.6	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.8	6.5
NE	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	5.3
ENE	.0	.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.7
E	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	5.5
ESE	.0	.6	.0	1.4	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.0	6.0
SE	.0	.6	.1	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.5	6.6
SSE	.0	.7	.1	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.3	6.6
S	.0	.1	.0	1.6	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.0	.1	2.5	11.5
SSW	.0	.4	.0	1.4	.0	.1	.0	.3	.0	.1	.0	.1	.0	.1	.0	.1	2.5	9.5
SW	.0	.3	.0	1.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.6	7.4
WSW	.0	.5	.0	1.1	.0	.1	.0	.3	.0	.1	.0	.1	.0	.0	.0	.1	2.1	8.3
W	.0	1.5	.1	4.4	.0	.7	.0	.1	.0	.2	.0	.0	.0	.0	.0	.2	6.9	7.5
WNW	.1	2.0	.4	13.4	.0	1.0	.0	.1	.0	.1	.0	.2	.0	.0	.0	.5	16.8	7.5
NW	.1	2.2	.4	12.6	.1	1.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.5	17.2	8.1
NNW	.1	1.7	.3	8.9	.0	.8	.0	.6	.0	.0	.0	.0	.0	.0	.0	.4	12.0	7.7
CALM	.7	22.5														.7	22.5	
TOTAL	1.1	35.2	1.7	55.7	.2	5.3	.1	2.6	.0	.8	.0	.3	.0	.0	.1	3.1	100	5.9

CEILING-VISIBILITY

WIND GRAPH



RDM REDMOND, OR

CLASS 2 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

CLASS 2 / NIGHT

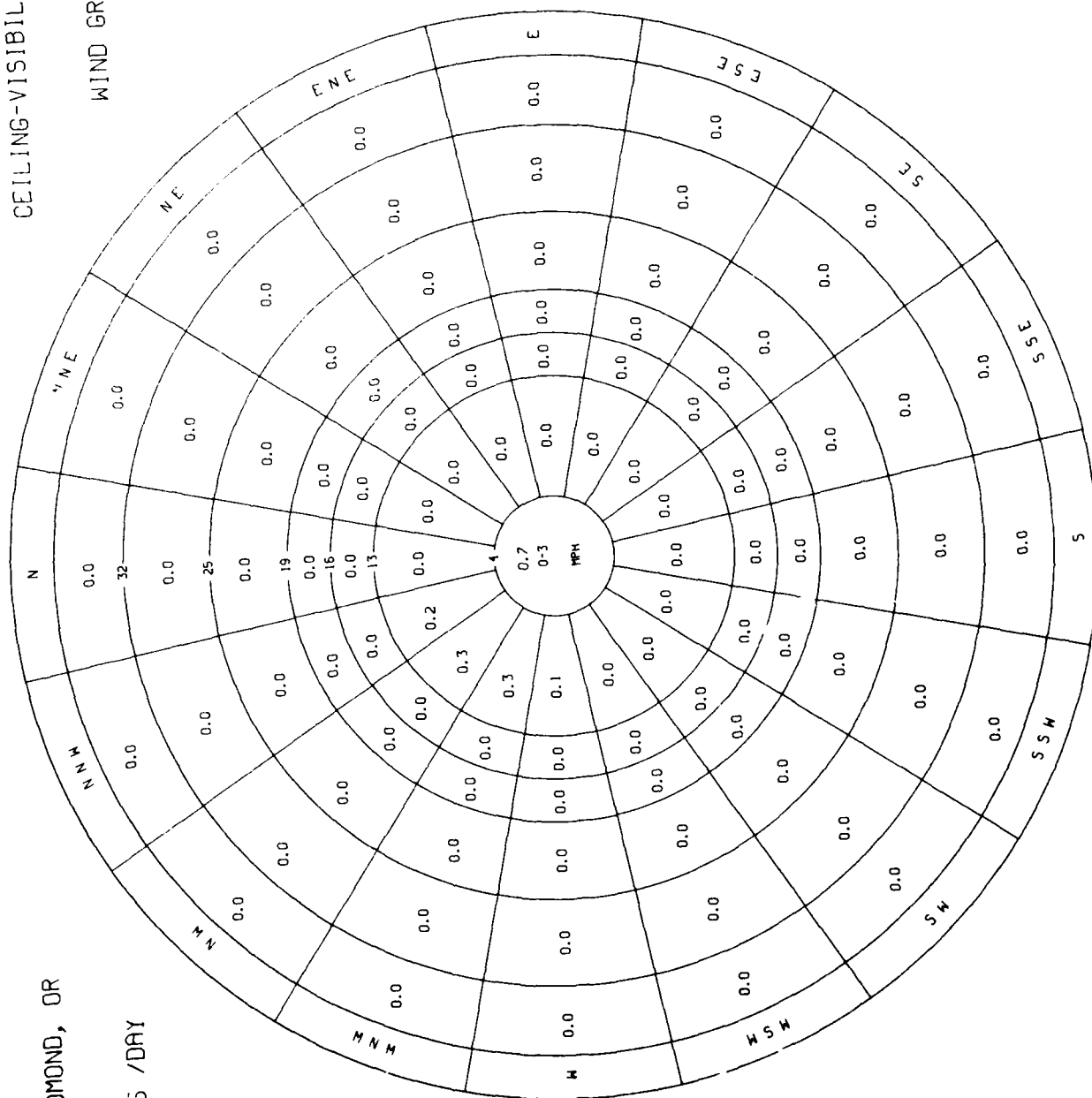
STATION NUMBER: 24230

NO. OBS.: 2205

D I R	SPEED GROUPS (MPH)													AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.5	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
NNE	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NE	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
ENE	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
E	.0	.8	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
ESE	.0	.8	.1	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
SE	.0	.6	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
SSE	.0	.9	.1	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.6
S	.0	.6	.1	1.9	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 2.9
SSW	.0	.9	.1	1.0	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1 2.4
SW	.0	.4	.0	.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
WSW	.1	1.0	.0	.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
W	.1	1.4	.2	3.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 5.6
WNW	.2	3.8	.7	12.3	.0	.8	.0	.3	.0	.2	.0	.0	.0	.0	.9 17.4
NW	.1	1.8	.5	9.8	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.7 12.6
NNW	.1	1.5	.3	6.3	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.5 8.8
CALM	1.8	32.4													1.8 32.4
TOTAL	2.6	48.2	2.5	46.4	.2	3.4	.1	1.4	.0	.4	.0	.1	.0	.0	5.4 100

CEILING-VISIBILITY

WIND GRAPH



ROM REDMOND, OR

CLASS 5 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

CLASS 3 / DAY

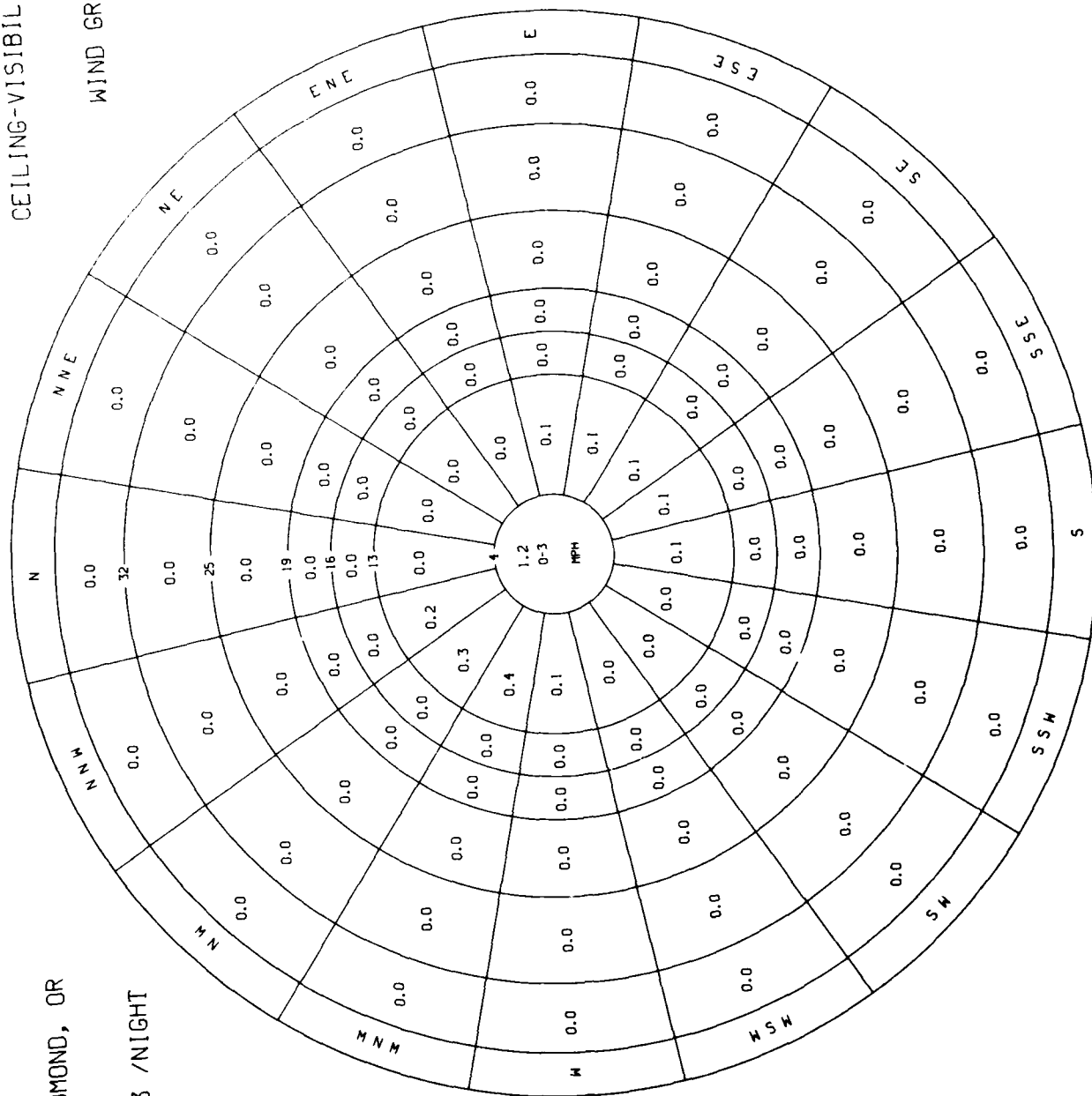
STATION NUMBER: 24230

NO. OBS.: 1036

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.5	.0	2.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.0	7.3
NNE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.0	7.2
NE	.0	.6	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.5
ENE	.0	.3	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.9
E	.0	.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.4
ESE	.0	.5	.0	1.5	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.1	6.5
SE	.0	.2	.0	1.6	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.1	7.7
SSE	.0	.5	.0	1.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.4	7.4
S	.0	.2	.0	1.5	.0	.4	.0	.3	.0	.1	.0	.0	.0	.1	.1	2.6	10.9
SSW	.0	.4	.0	1.6	.0	.1	.0	.3	.0	.1	.0	.1	.0	.0	.1	2.6	9.6
SW	.0	.5	.0	1.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.1	7.5
WSW	.0	.7	.0	1.3	.0	.1	.0	.4	.0	.2	.0	.0	.0	.0	.1	2.6	8.8
W	.0	1.4	.1	4.1	.0	.8	.0	.2	.0	.2	.0	.0	.0	.0	.1	6.7	7.8
WNW	.0	1.4	.3	13.0	.0	1.0	.0	.1	.0	.2	.0	.1	.0	.0	.3	15.8	7.5
NW	.0	1.7	.3	13.6	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.0	.4	17.7	8.3
NNW	.0	1.4	.2	8.6	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.2	11.8	8.1
CALM	.4	20.8													.4	20.8	
TOTAL	.7	31.7	1.2	58.4	.1	5.5	.1	3.3	.0	.9	.0	.2	.0	.1	2.1	100	6.2

CEILING-VISIBILITY

WIND GRAPH



RDM REDMOND, OR

CLASS 3 / NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 24230

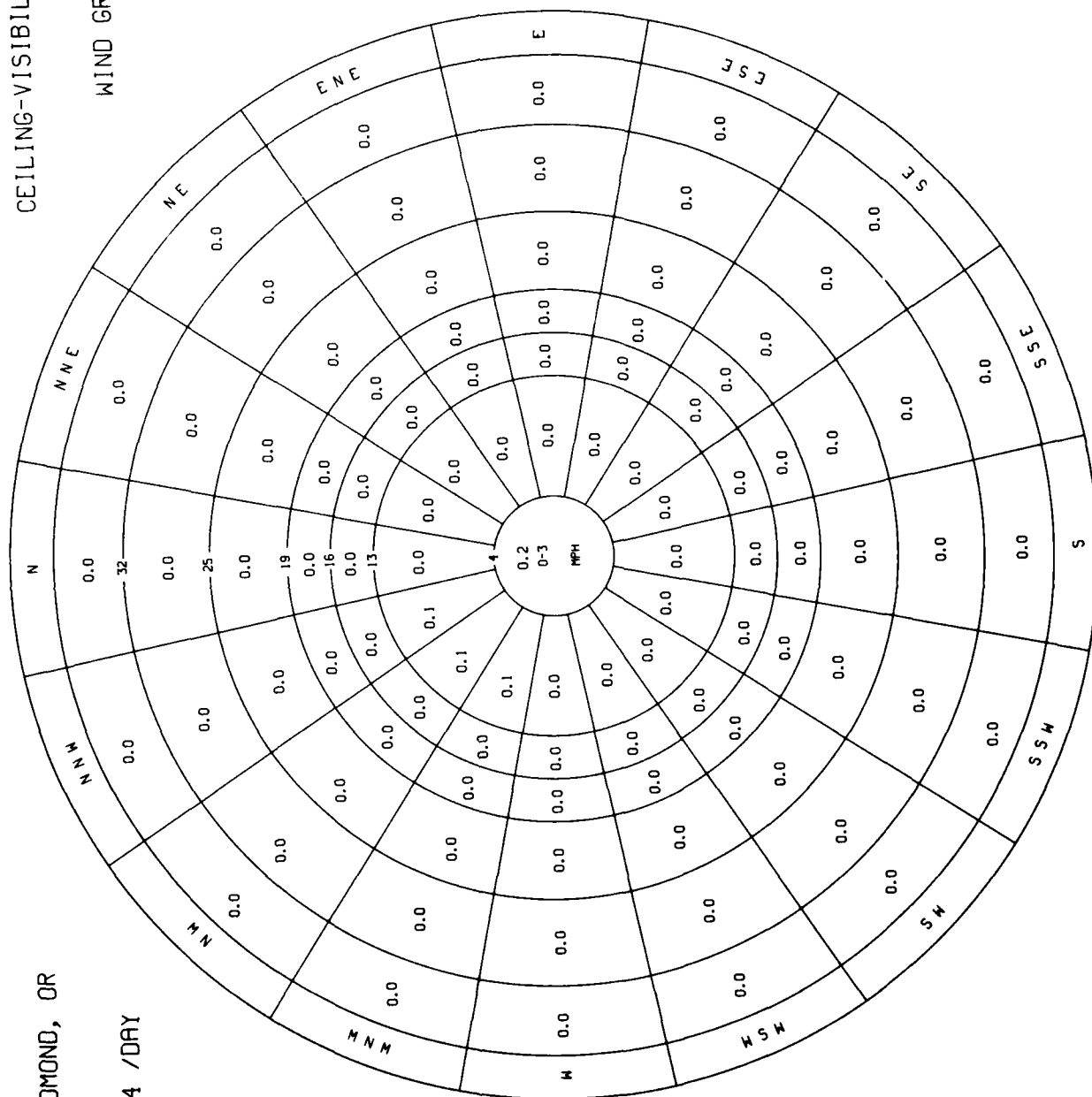
NO. OBS.: 1221

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.3	.0	1.2	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.1 1.8
NNE	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NE	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
ENE	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
E	.0	1.1	.1	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
ESE	.0	.7	.1	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.9
SE	.0	.7	.1	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
SSE	.0	.7	.1	1.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
S	.0	.4	.1	2.2	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.1 3.3
SSW	.0	1.0	.0	1.1	.0	.2	.0	.2	.0	.2	.0	.0	.0	.1	.1 2.9
SW	.0	.3	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WSW	.0	1.1	.0	1.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
W	.0	1.1	.1	3.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.9
WNW	.1	2.9	.4	12.9	.0	1.1	.0	.3	.0	.3	.0	.0	.0	.0	.5 17.7
NW	.0	1.3	.3	9.9	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.4 12.7
NNW	.0	1.1	.2	7.5	.0	1.1	.0	.6	.0	.0	.0	.0	.0	.0	.3 10.2
CALM	.8	27.2													.8 27.2
TOTAL	1.2	41.2	1.5	50.6	.2	5.4	.1	1.9	.0	.7	.0	.1	.0	.1	3.0 100

RDM REDMOND, OR

WIND GRAPH

CLASS 4 /DAY



ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 24230

NO.	OBS.:	272
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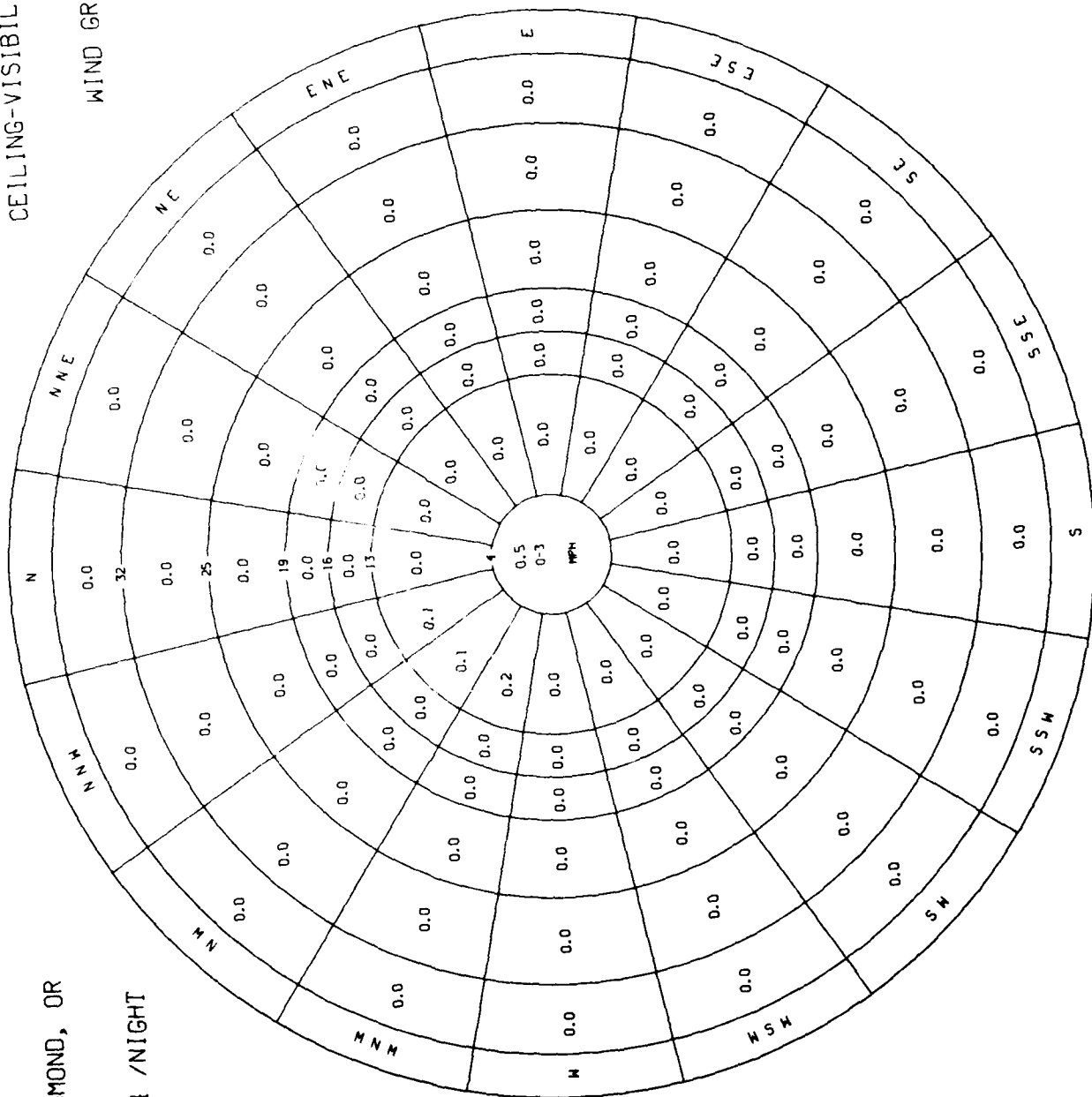
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.0	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	9.2
NNE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3.0
NE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
ENE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
E	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.0
ESE	.0	.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.3
SE	.0	1.1	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	6.4
SSE	.0	1.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.4
S	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	2.2	12.5
SSW	.0	.0	.0	1.1	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	2.2	11.2
SW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	7.0
WSW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
W	.0	1.1	.0	4.4	.0	1.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	7.0	8.0
WNW	.0	2.6	.1	13.6	.0	1.8	.0	.0	.0	.0	.0	.7	.0	.0	.1	18.8	8.1
NW	.0	2.9	.1	9.9	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	16.9	8.4
NNW	.0	1.8	.1	12.5	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.1	15.1	7.5
CALM	1	23.2													1	23.2	
TOTAL	2	36.4	3	52.2	0	8.5	0	1.5	0	.7	0	.7	0	.0	5	100	6.0

CEILING-VISIBILITY

WIND GRAPH

RDM REDMOND, OR

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

CLASS 4 / NIGHT

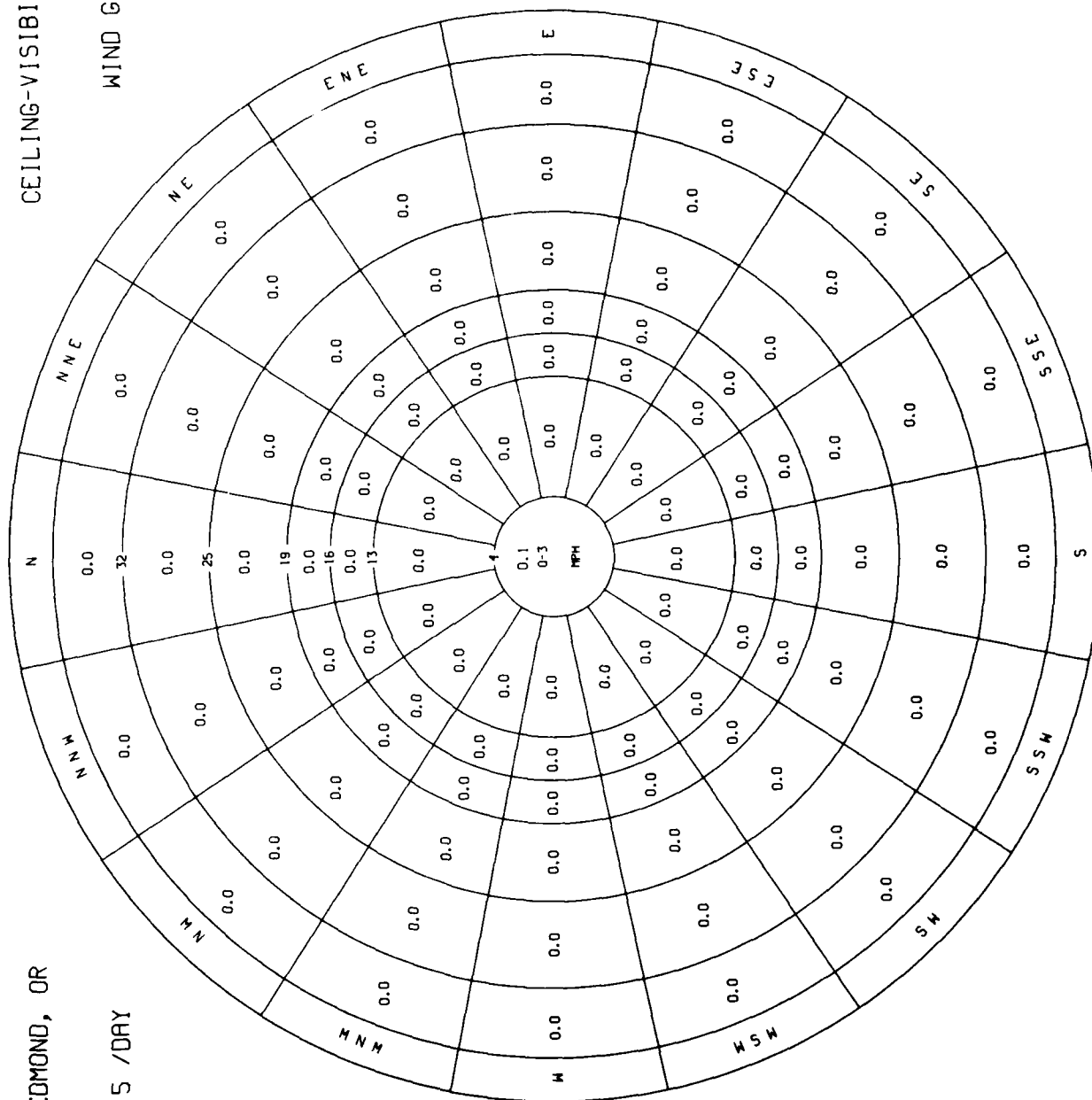
STATION NUMBER: 24230

NO. OBS.: 429

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.6
NNE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.3
NE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.0
ENE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	1.7
E	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.7
ESE	.0	.9	.0	2.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.3	6.4
SE	.0	.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
SSE	.0	.7	.0	1.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	6.2
S	.0	.2	.0	1.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.9	6.7
SSW	.0	.5	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	7.3
SW	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
WSW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.2	.0	.0	.0	1.2	10.0
W	.0	.9	.0	4.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	6.8
WNW	.0	3.5	.2	14.7	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.2	19.1	6.7
NW	.0	2.8	.1	11.4	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	.2	14.9	6.6
NNW	.0	2.1	.1	6.8	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.1	9.3	6.7
CALM	.4	33.6													.4	33.6	
TOTAL	.5	48.0	.5	48.5	.0	1.6	.0	1.6	.0	.0	.0	.2	.0	.0	1.1	100	4.4

CEILING-VISIBILITY

WIND GRAPH



ROM REDMOND, OR

CLASS 5 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ADM REDMOND, OR

CLASS 5 / DAY

NO. OBS.: 90

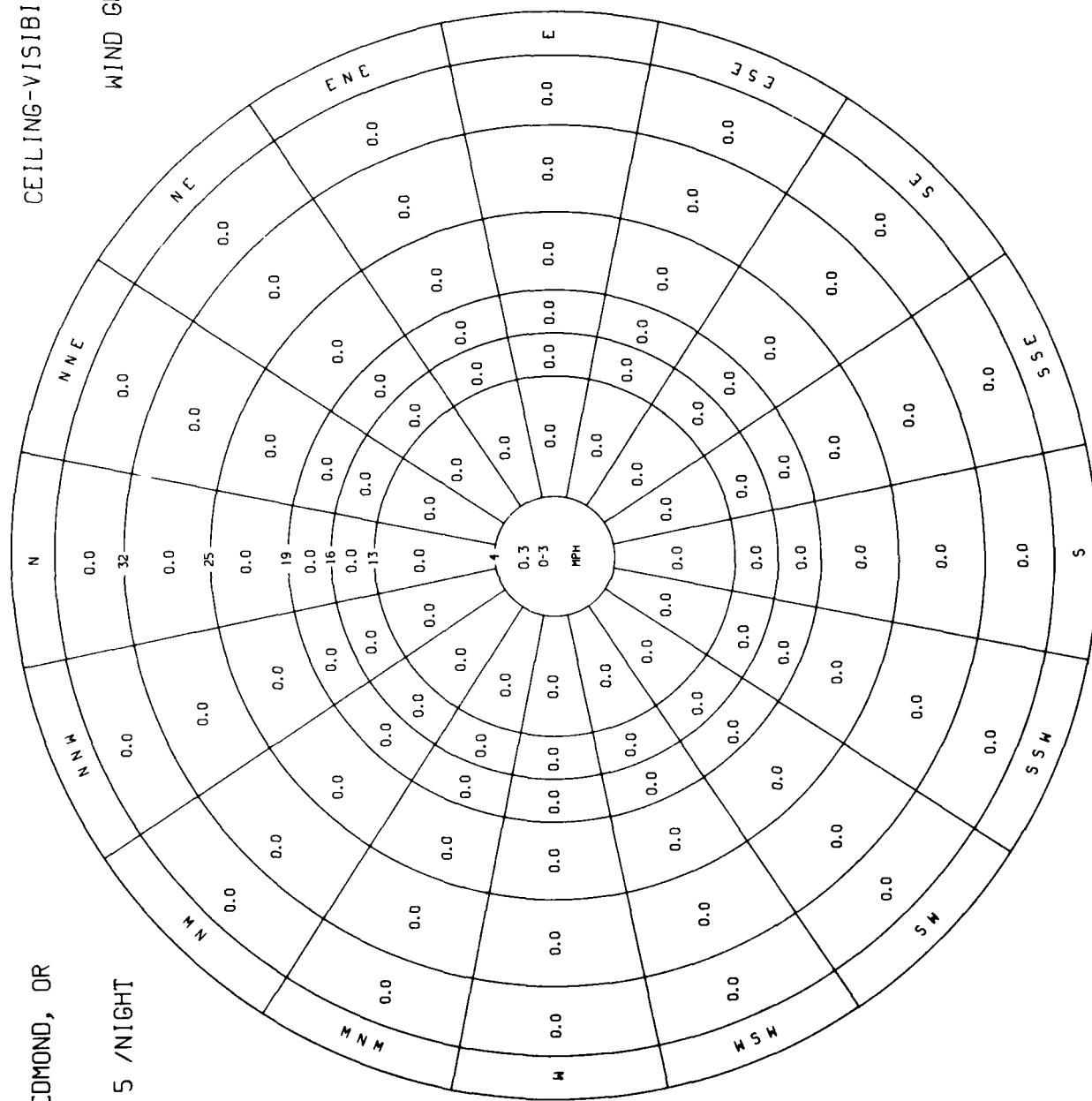
STATION NUMBER: 24230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.2	.0	1.1	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	4.4	7.5
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
ENE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.0
E	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.0
ESE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
SE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	4.3
SSE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
S	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	8.0
SSW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	2.2	11.5
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
W	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.4	5.5
WNW	.0	3.3	.0	13.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	16.7	7.5
NW	.0	3.3	.0	12.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.6	7.2
NNW	.0	3.3	.0	8.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.2	6.0
CALM	.1	33.3														.1	33.3	
TOTAL	.1	51.1	.1	46.7	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.2	100	4.5

WIND GRAPH

RDM REDMOND, OR

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

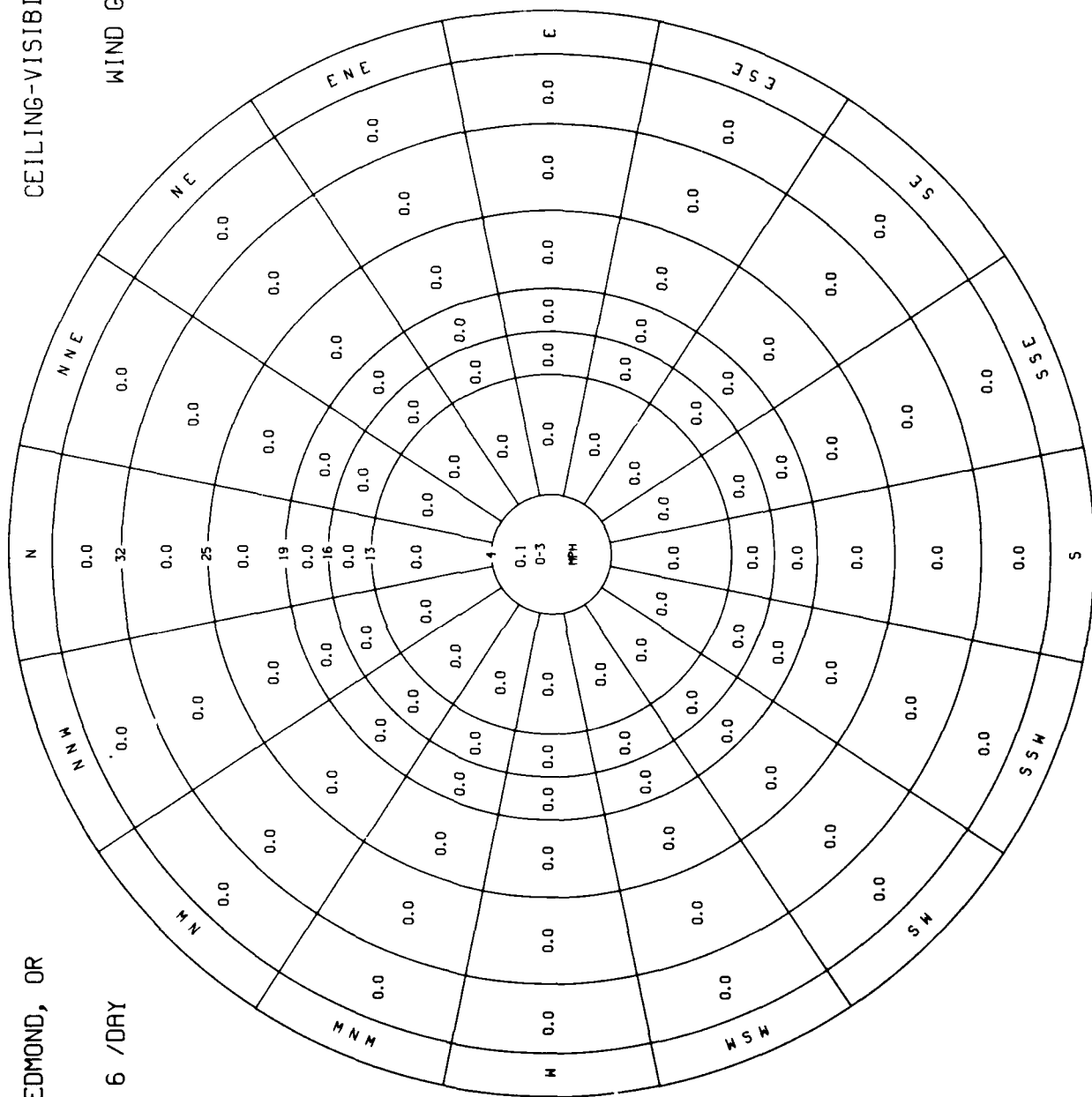
CLASS 5 / NIGHT

STATION NUMBER: 24230

NO. OBS.: 226

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
NNE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.0
NE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
ENE	.0	.0	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.0
E	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	6.0
ESE	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	5.2
SE	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.3
SSE	.0	.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.0
S	.0	1.8	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1	3.8
SSW	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.7
SW	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	3.8
WSW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.2
W	.0	.9	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2	6.0
WNW	.0	4.4	.0	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.9	5.1
NW	.0	2.7	.0	8.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.1	6.1
NNW	.0	1.8	.0	5.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.5	6.8
CALM	.2	43.4												.2	43.4		
TOTAL	.3	50.6	.2	38.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.6	100		3.1

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: RDM REDMOND, OR

PERIOD: 1948-1978

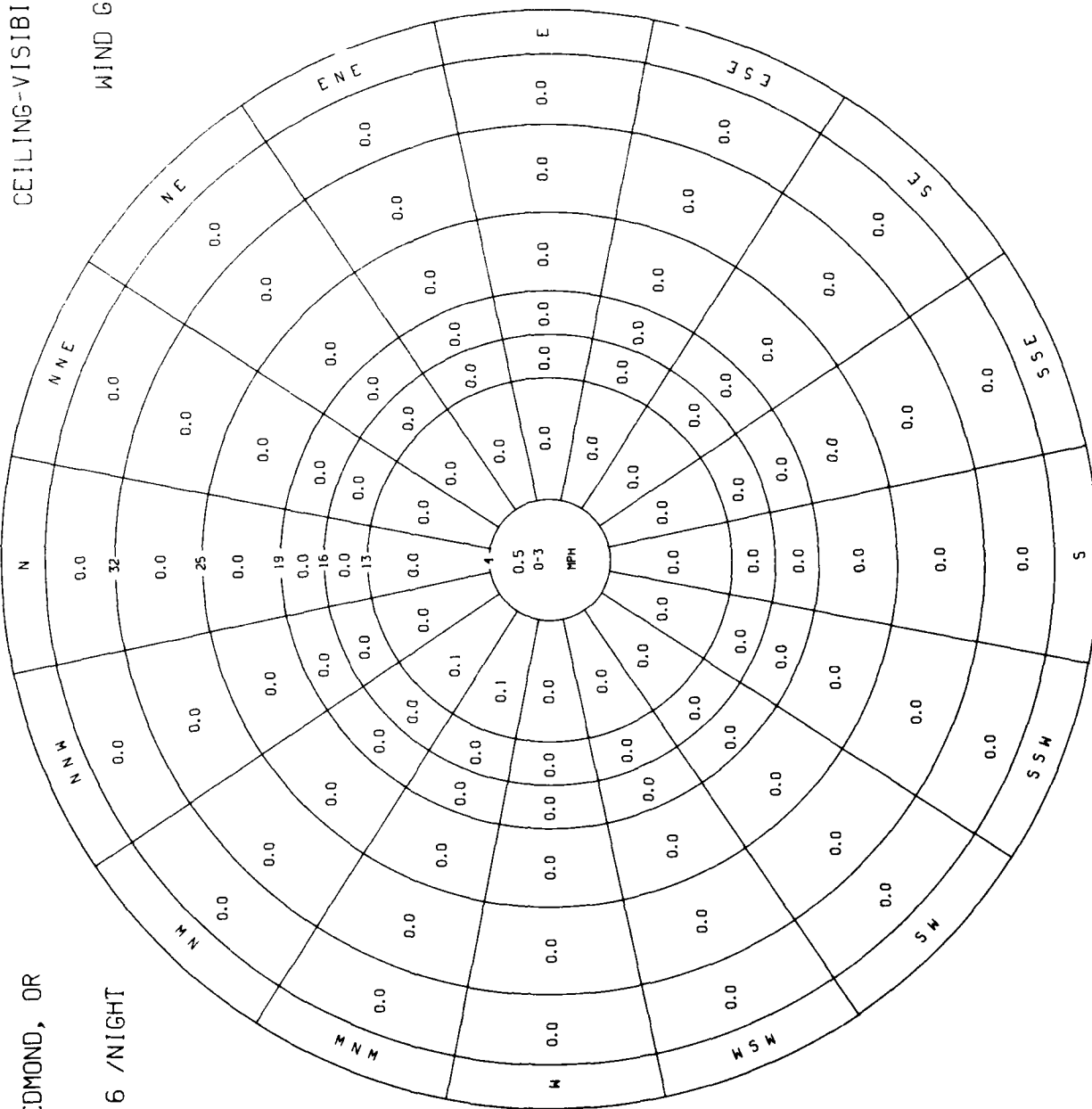
CLASS 6 / DAY

STATION NUMBER: 24230

NO. OBS.: 138

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
ENE	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
E	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
ESE	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SE	.0	2.2	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.6
SSE	.0	1.4	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
S	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9
SSW	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WSW	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
W	.0	2.9	.0	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10.1
WNW	.0	3.6	.0	15.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	20.3
NW	.0	3.6	.0	10.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	15.2
NNW	.0	2.9	.0	4.3	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	8.0
CALM	.1	26.8													26.8
TOTAL	.1	48.6	.1	48.6	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.7	3
															100
															4.5

CEILING-VISIBILITY
WIND GRAPH



RDM REDMOND, OR
CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: RDM REDMOND, OR

CLASS 6 / NIGHT

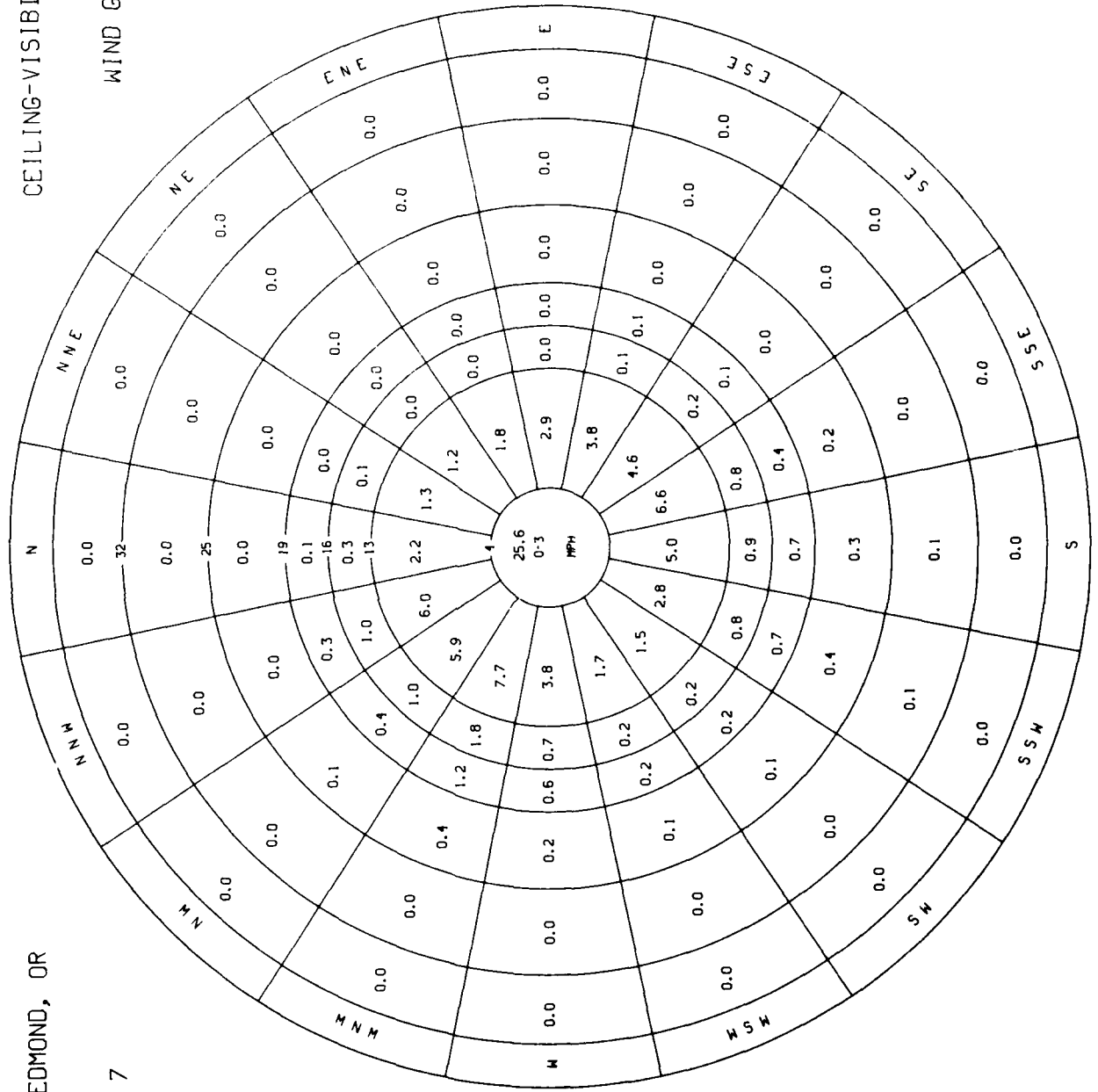
NO. OBS.: 329

STATION NUMBER: 24230

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
NNE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .0
ENE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .3
E	.0	.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
ESE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
SE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2
SSE	.0	1.5	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
S	.0	1.2	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
SSW	.0	.9	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
WSW	.0	2.1	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.7
W	.0	3.6	.0	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.9
WNW	.1	7.0	.1	10.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 17.6
NW	.0	1.8	.1	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 10.0
NNW	.0	1.5	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.0
CALM	.3	42.9													.3 42.9
TOTAL	.5	66.0	.3	33.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.8 100

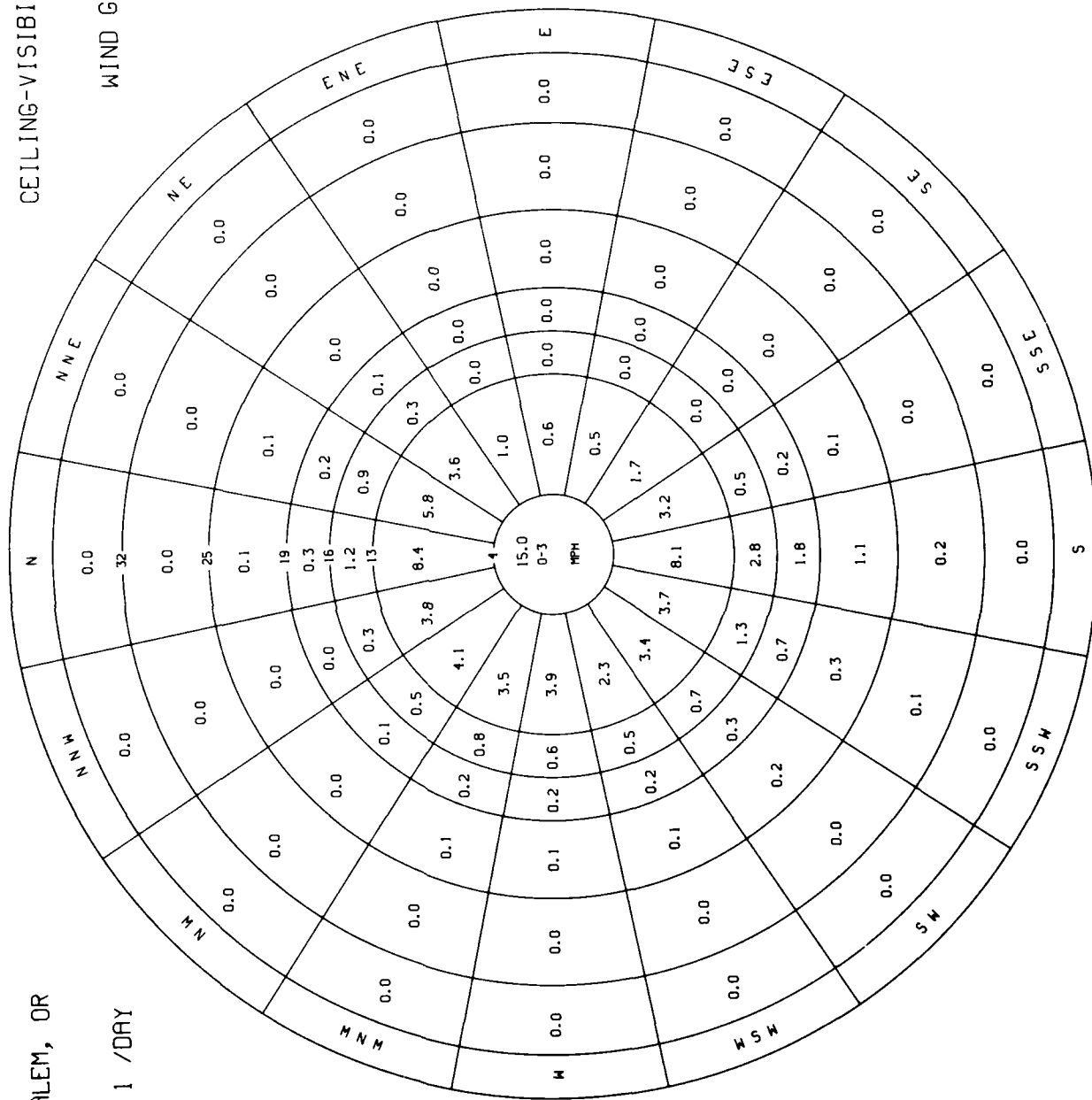
CEILING-VISIBILITY

WIND GRAPH

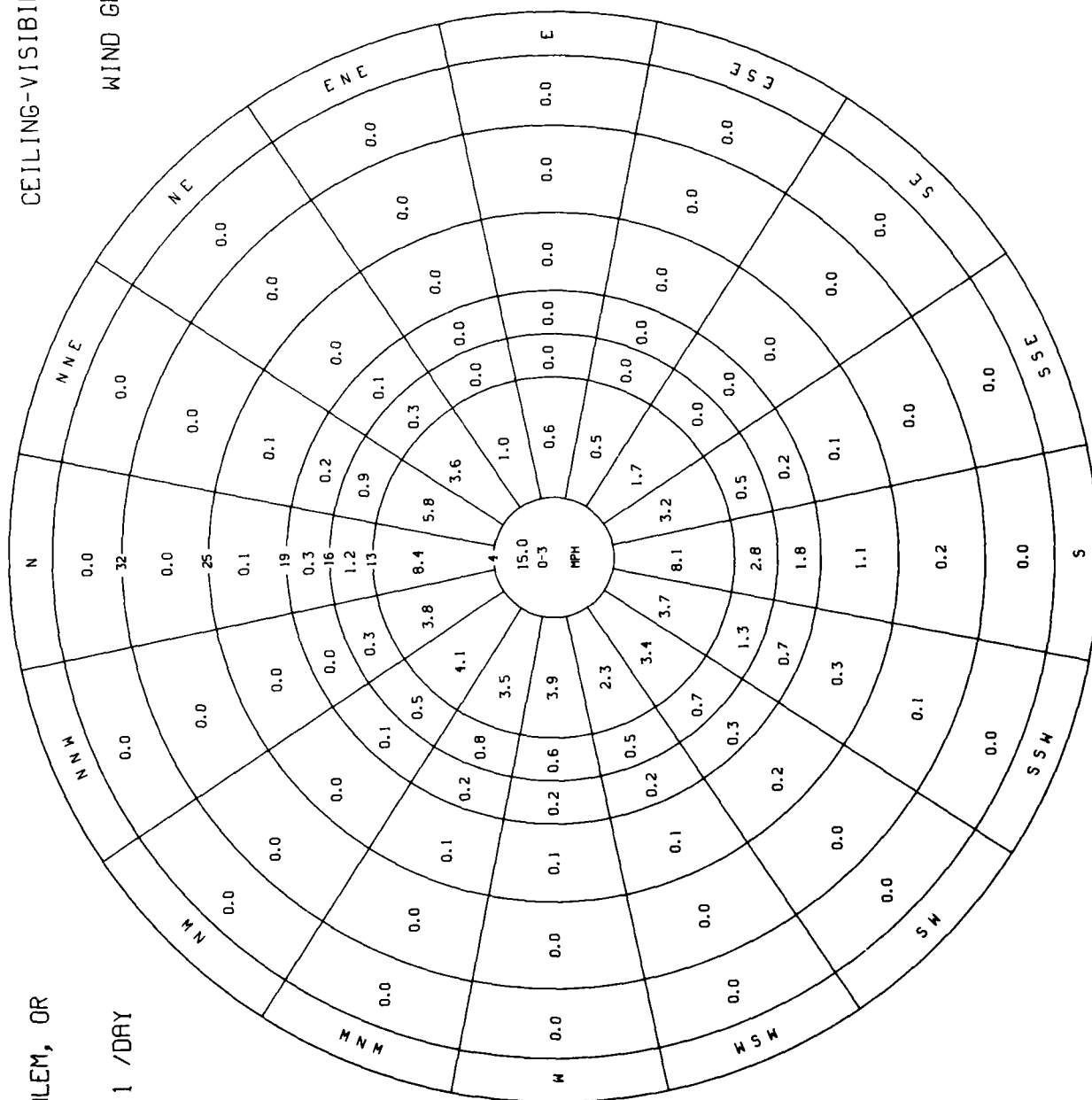


CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY
WIND GRAPH



SLE SALEM, OR
CLASS 1 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SLE SALEM, OR

PERIOD: 1948-1978

CLASS 1 / DAY

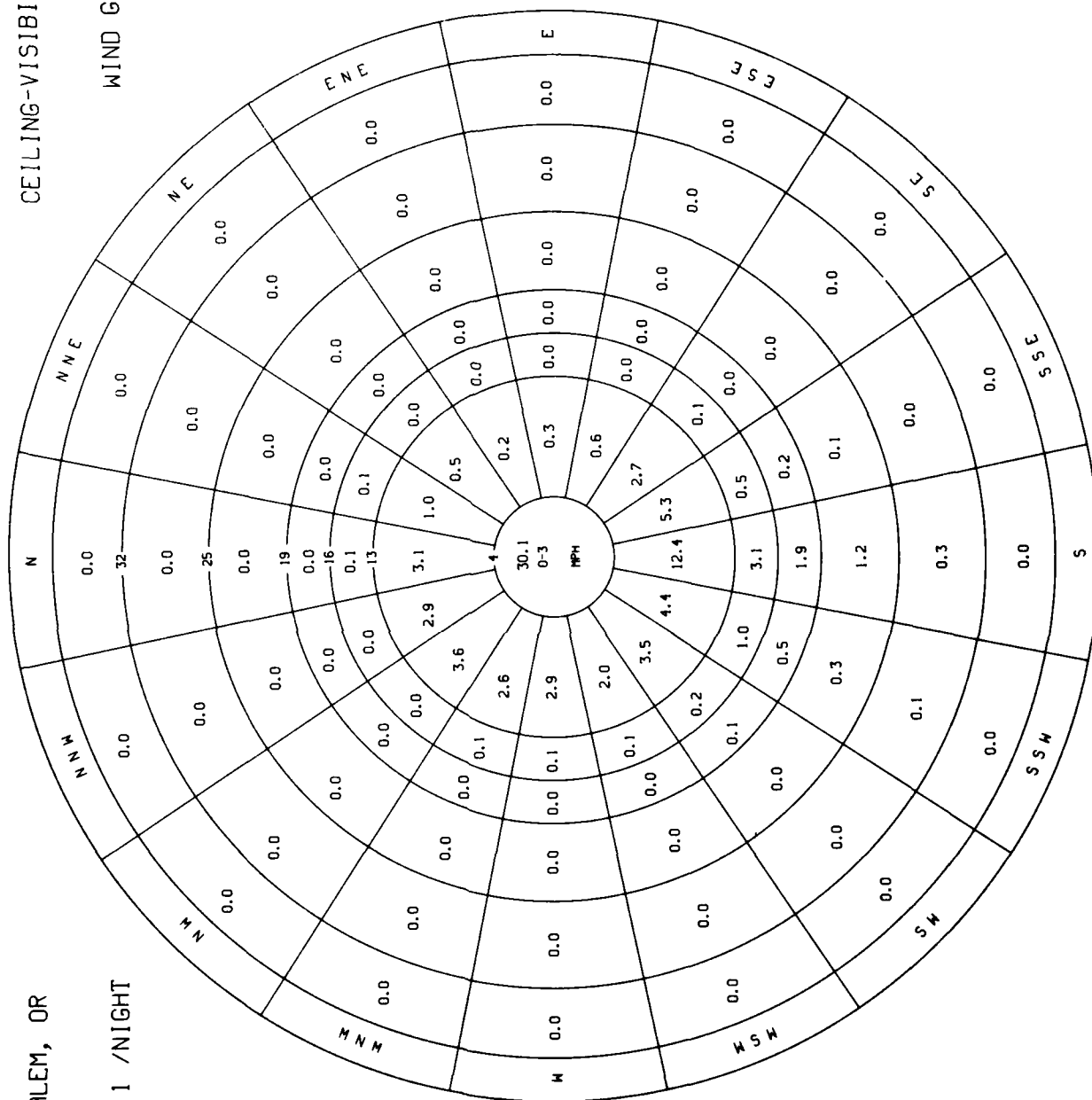
STATION NUMBER: 24232

NO. OBS.: 44100

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.7	.8	8.4	9.3	1.2	1.3	.3	.4	.1	.1	.0	.0	.0	.0	10.6	11.8	8.7
NNE	.5	.5	5.8	6.4	.9	1.0	.2	.3	.1	.1	.0	.0	.0	.0	7.5	8.3	8.9
NE	.5	.6	3.6	4.0	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.6	5.2	7.7
ENE	.3	.3	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	6.0
E	.2	.3	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	5.2
ESE	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.4
SE	.4	.4	1.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.4	6.3
SSE	.4	.4	3.2	3.5	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.4	4.9	8.9
S	.6	.6	8.1	9.0	2.8	3.1	1.8	2.0	1.1	1.2	.2	.3	.0	.0	14.7	16.3	11.6
SSW	.2	.2	3.7	4.1	1.3	1.5	.7	.7	.3	.3	.1	.1	.0	.0	6.2	6.9	11.2
SW	.5	.5	3.4	3.8	.7	.8	.3	.3	.2	.2	.0	.0	.0	.0	5.1	5.7	9.4
WSW	.3	.3	2.3	2.6	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.4	3.7	9.2
W	.5	.6	3.9	4.4	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	5.3	5.9	8.7
WNW	.3	.3	3.5	3.9	.8	.9	.2	.3	.1	.1	.0	.0	.0	.0	4.9	5.4	9.4
NW	.6	.7	4.1	4.6	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	5.4	5.9	8.0
NNW	.4	.5	3.8	4.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.0	7.7
CALM	8.5	9.4													8.5	9.4	
TOTAL	15.0	16.6	57.7	64.1	10.4	11.6	4.5	5.0	2.0	2.3	.3	.4	.1	.1	90.1	100	8.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 1 / DAY

NO. OBS.: 44100

STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.7	.8	8.4	9.3	1.2	1.3	.3	.4	.1	.1	.0	.0	.0	.0	10.6	11.8	8.7
NNE	.5	.5	5.8	6.4	.9	1.0	.2	.3	.1	.1	.0	.0	.0	.0	7.5	8.3	8.9
NE	.5	.6	3.6	4.0	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.6	5.2	7.7
ENE	.3	.3	1.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	6.0
E	.2	.3	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	.9	5.2
ESE	.2	.2	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	.8	5.4
SE	.4	.4	1.7	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	2.4	6.3
SSE	.4	.4	3.2	3.5	.5	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.4	4.9	8.9
S	.6	.6	8.1	9.0	2.8	3.1	1.8	2.0	1.1	1.2	.2	.3	.0	.0	14.7	16.3	11.6
SSW	.2	.2	3.7	4.1	1.3	1.5	.7	.7	.3	.3	.1	.1	.0	.0	6.2	6.9	11.2
SW	.5	.5	3.4	3.8	.7	.8	.3	.3	.2	.2	.0	.0	.0	.0	5.1	5.7	9.4
WSW	.3	.3	2.3	2.6	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	3.4	3.7	9.2
W	.5	.6	3.9	4.4	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	5.3	5.9	8.7
WNW	.3	.3	3.5	3.9	.8	.9	.2	.3	.1	.1	.0	.0	.0	.0	4.9	5.4	9.4
NW	.6	.7	4.1	4.6	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	5.4	5.9	8.0
NNW	.4	.5	3.8	4.2	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	4.5	5.0	7.7
CALM	8.5	9.4													8.5	9.4	
TOTAL	15.0	16.6	57.7	64.1	10.4	11.6	4.5	5.0	2.0	2.3	.3	.4	.1	.1	90.1	100	8.4

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

CLASS 1 / NIGHT

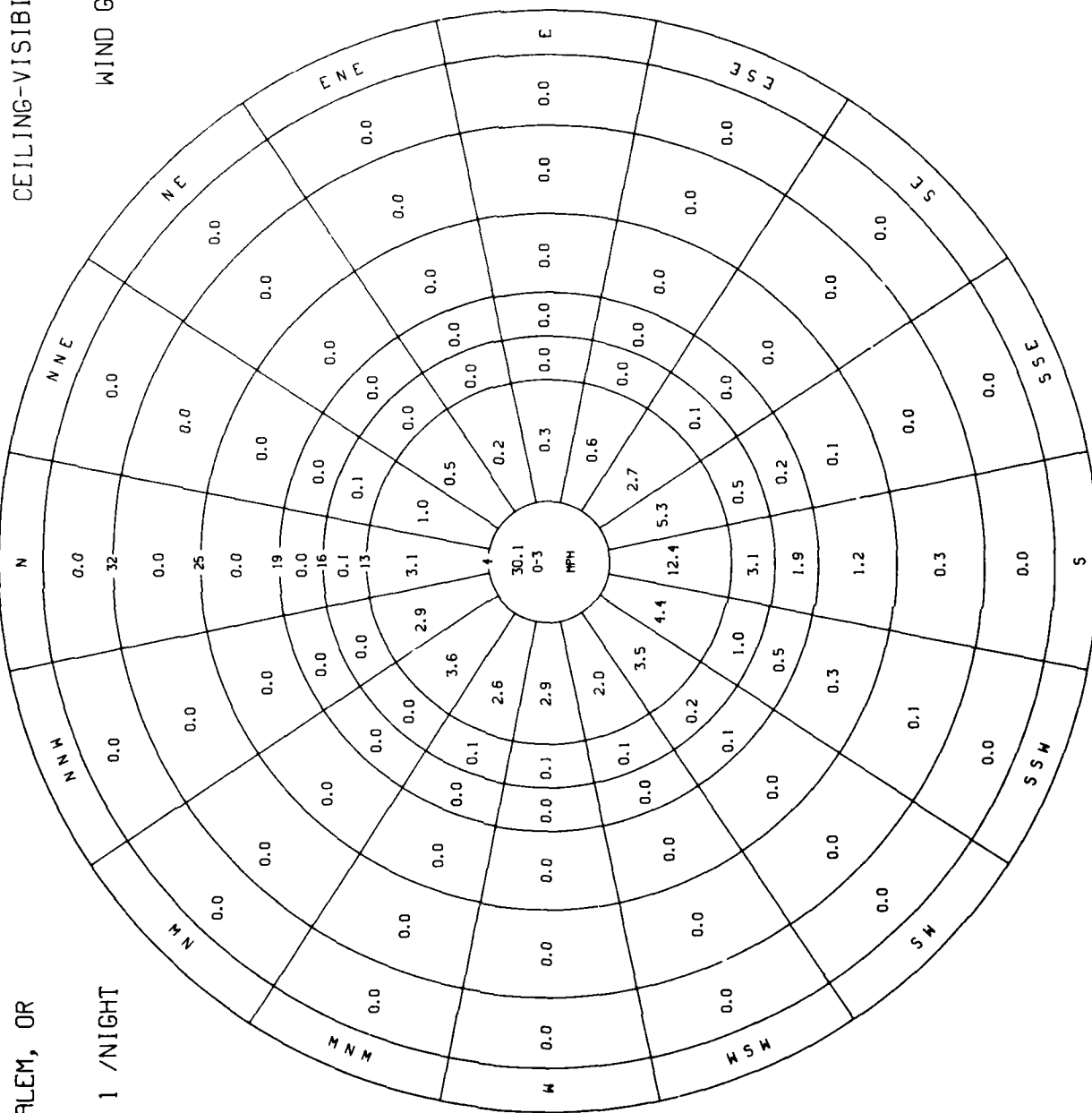
NO. OBS.: 36825

STATION NAME: SLE SALEM, OR

STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.6	.6	3.1	3.5	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8 4.3
NNE	.2	.2	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.5
NE	.2	.3	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 .9
ENE	.1	.1	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 .3
E	.2	.3	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 .6
ESE	.2	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 .9
SE	.8	.9	2.7	3.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.7 4.1
SSE	.8	.9	5.3	6.0	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	6.9 7.8
S	2.0	2.3	12.4	14.0	3.1	3.5	1.9	2.2	1.2	1.3	.3	.3	.0	.1	20.9 23.6
SSW	1.0	1.1	4.4	4.9	1.0	1.1	.5	.6	.3	.3	.1	.1	.0	.0	7.2 8.1
SW	1.6	1.8	3.5	3.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.5 6.2
WSW	.7	.8	2.0	2.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9 3.3
W	.9	1.1	2.9	3.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.0 4.5
WNW	.5	.6	2.6	3.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.3 3.7
NW	1.1	1.2	3.6	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7 5.3
NNW	.5	.6	2.9	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5 3.9
CALM	18.6	21.0													18.6 21.0
TOTAL	30.1	34.0	48.1	54.2	5.4	6.0	3.0	3.3	1.7	1.9	.4	.4	.1	.1	88.7 100

CEILING-VISIBILITY
WIND GRAPH



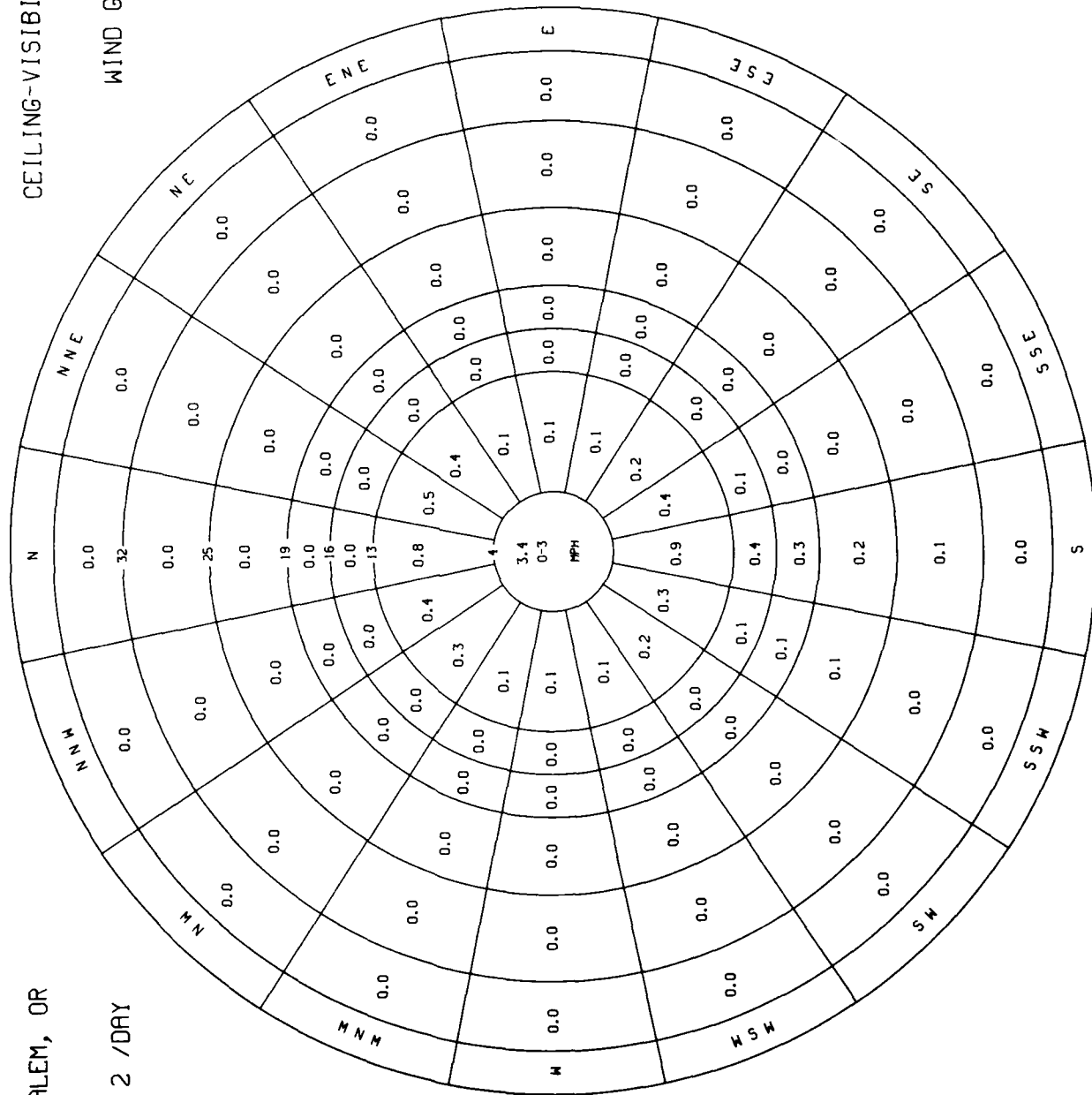
SLE SALEM, OR
CLASS 1 / NIGHT

CEILING-VISIBILITY

WIND GRAPH

SLE SALEM, OR

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 2 / DAY

NO. OBS.: 4850

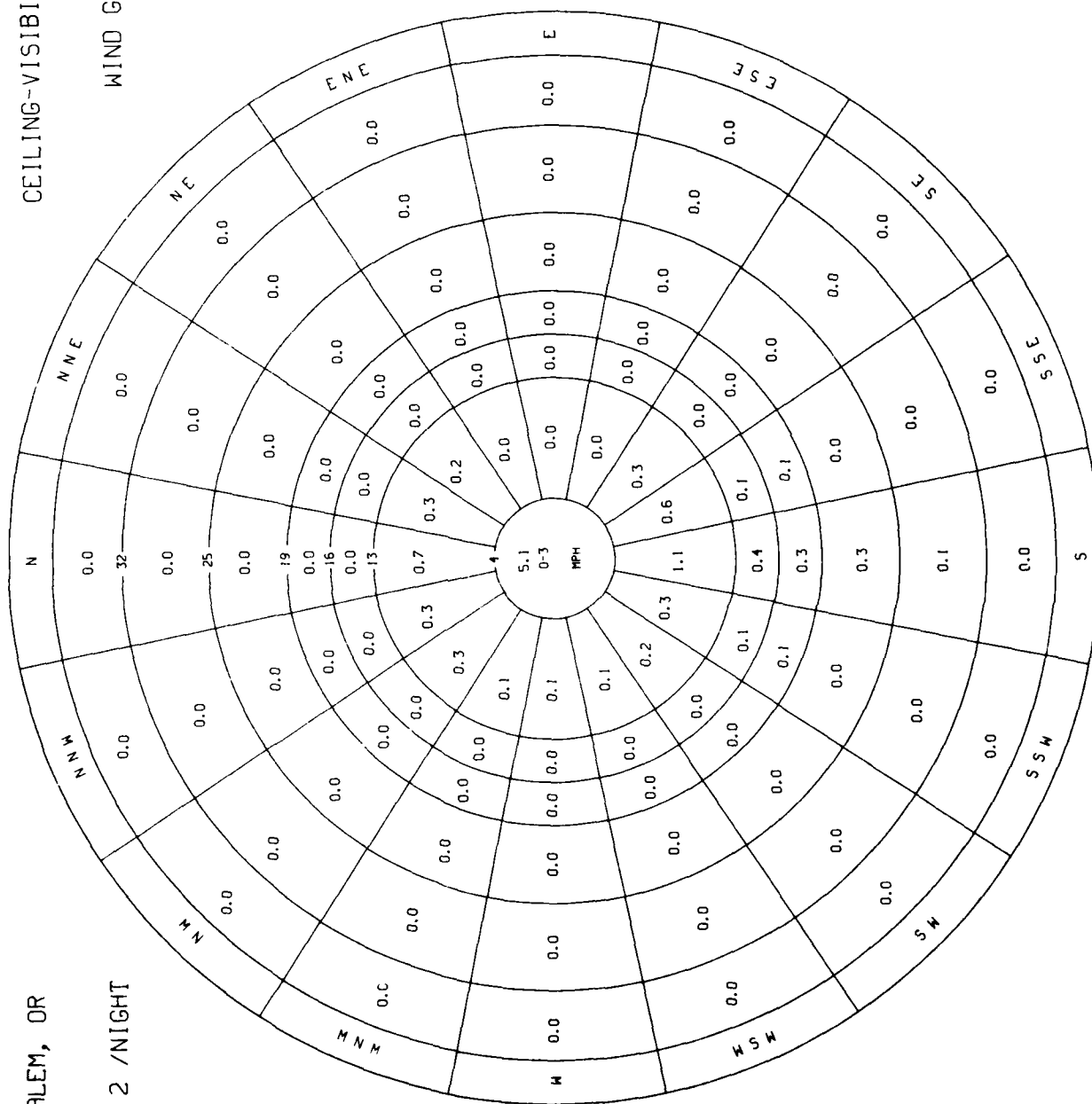
STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.2	1.9	.8	8.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	10.8	6.4
NNE	.1	1.1	.5	5.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.8	6.6
NE	.1	1.3	.4	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.3	5.7
ENE	.1	.5	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	5.1
E	.1	.6	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	4.6
ESE	.0	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.6
SE	.1	.9	.2	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.5	6.1
SSE	.1	.7	.4	3.7	.1	.7	.0	.4	.0	.2	.0	.0	.0	.0	.0	.6	5.8	9.3
S	.1	.7	.9	8.8	.4	3.5	.3	3.1	.2	2.4	.1	.8	.0	.1	.0	1.9	19.5	13.0
SSW	.1	.5	.3	2.9	.1	1.1	.1	.8	.1	.6	.0	.1	.0	.0	.0	.6	6.1	11.8
SW	.1	.6	.2	2.0	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.3	3.3	8.1
WSW	.1	.6	.1	.6	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.1	1.5	7.2
W	.1	.6	.1	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	5.5
WNW	.0	.5	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	2.0	6.6
NW	.1	1.3	.3	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.4	5.1
NNW	.1	.9	.4	3.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.5	6.2
CALM	2.0	20.6														2.0	20.6	
TOTAL	3.4	33.9	5.0	50.1	.7	6.7	.5	4.8	.3	3.5	.1	1.0	.0	.2	9.9	100		6.7

WIND GRAPH

SLE SALEM, OR

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SLE SALEM, OR

PERIOD: 1948-1978

CLASS 2 / NIGHT

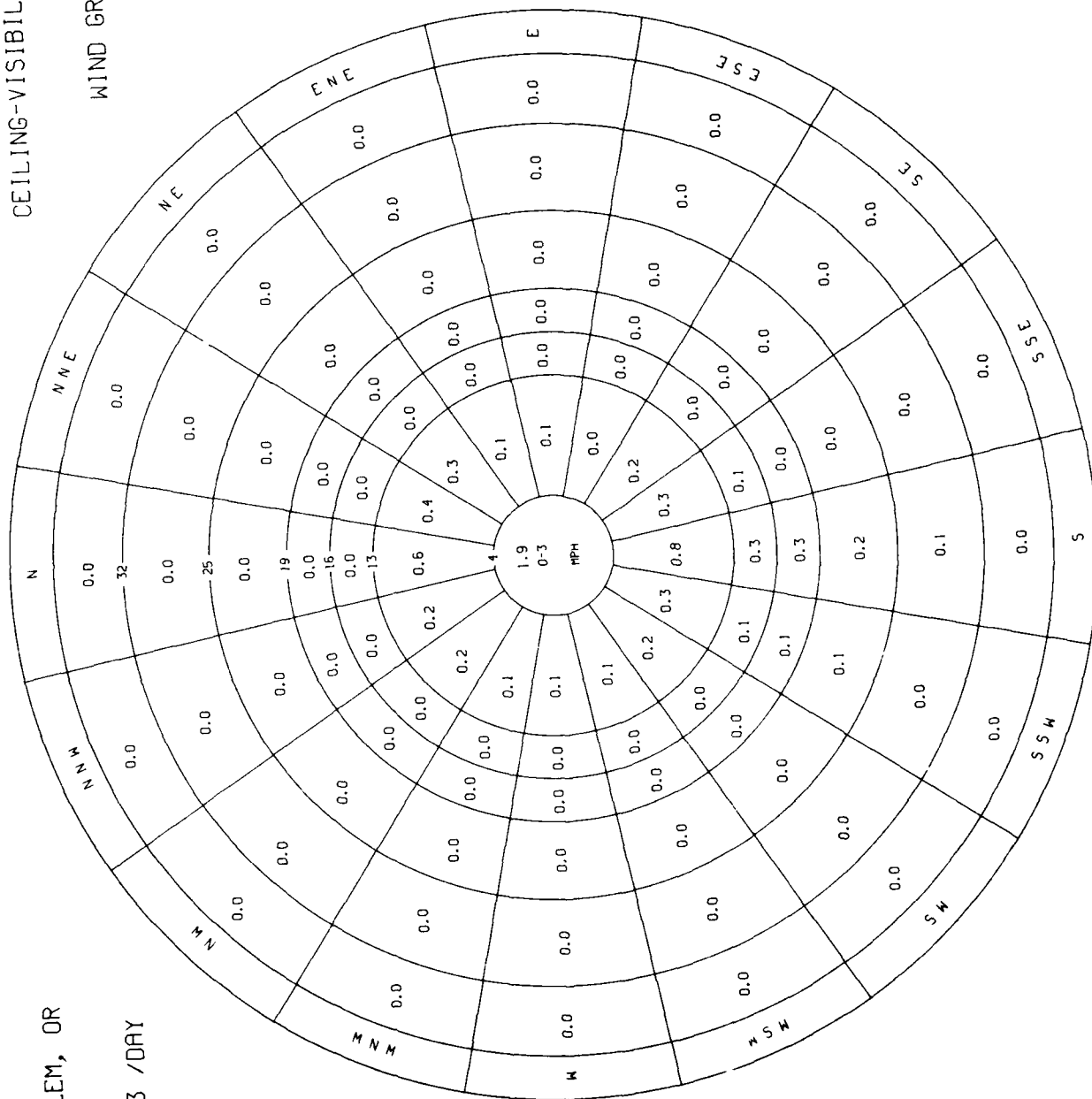
STATION NUMBER: 24232

NO. OBS.: 4694

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.2	2.0	.7	6.2	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.9	8.4	5.9
NNE	.1	.8	.3	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.5	5.9
NE	.1	1.0	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	4.9
ENE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	4.1
E	.1	.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.2
ESE	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	4.3
SE	.2	1.6	.3	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.3	5.3
SSE	.1	1.0	.6	5.2	.1	.4	.1	.4	.0	.1	.0	.0	.0	.0	.8	7.3	7.9
S	.3	2.2	1.1	9.4	.4	3.1	.3	3.0	.3	2.3	.1	.7	.0	.1	2.4	20.9	11.6
SSW	.1	.7	.3	2.8	.1	.7	.1	.6	.0	.4	.0	.2	.0	.1	.6	5.4	10.5
SW	.1	1.3	.2	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.1	5.1
WSW	.1	.6	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	6.0
W	.1	.9	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.1	4.8
WNW	.0	.3	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	5.9
NW	.2	1.4	.3	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.9	4.8
NNW	.1	.9	.3	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.9	6.0
CALM	3.3	29.3													3.3	29.3	
TOTAL	5.1	45.3	4.7	41.7	.5	4.8	.5	4.2	.3	2.9	.1	.9	.0	.2	11.3	100	5.6

CEILING-VISIBILITY

WIND GRAPH



SLE SALEM, OR

CLASS 3 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SLE SALEM, OR

PERIOD: 1948-1978

CLASS 3 / DAY

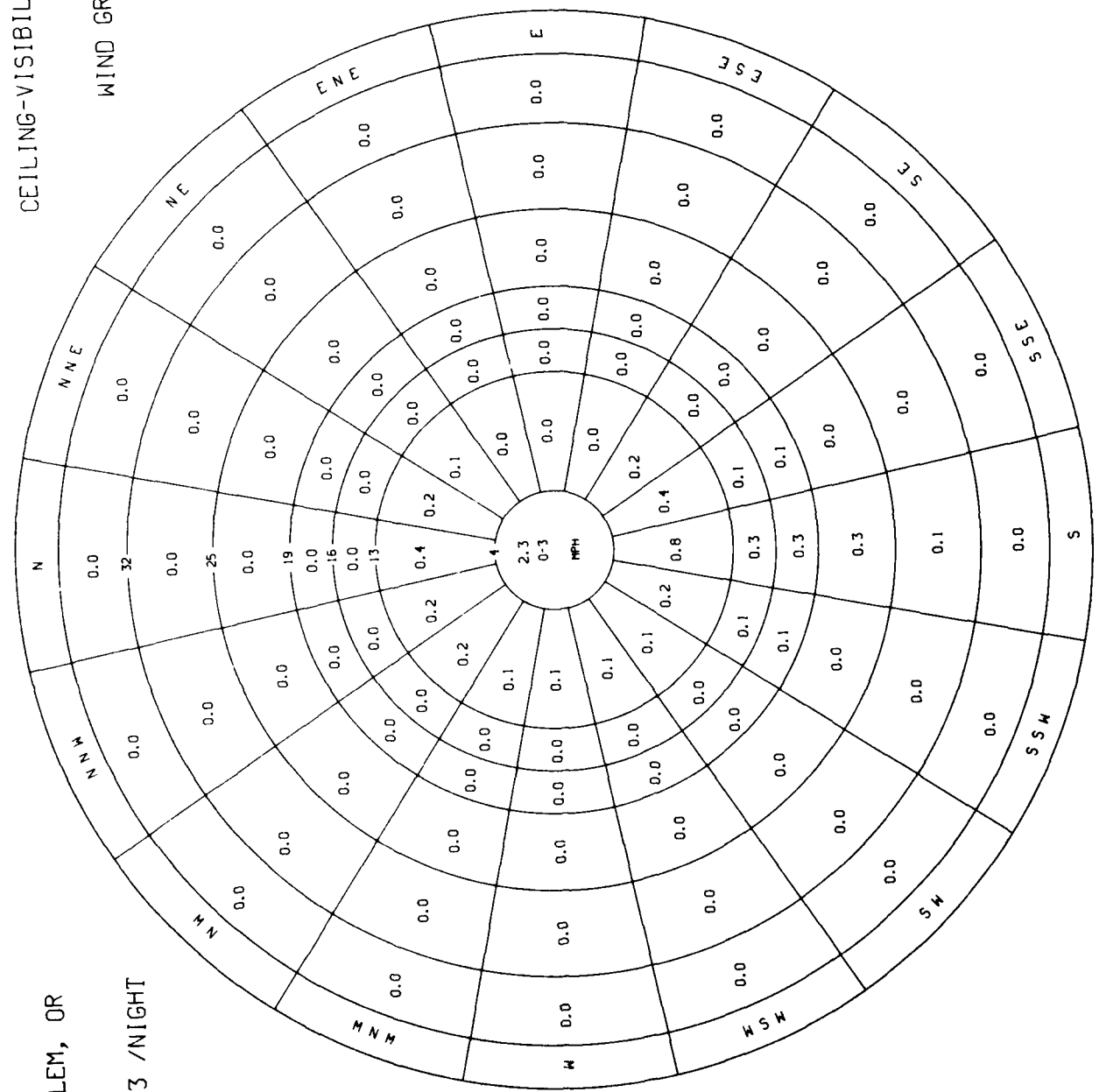
STATION NUMBER: 24232

NO. OBS.: 3577

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.3	.6	8.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.8 10.8
NNE	.1	.9	.4	6.1	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5 7.2
NNE	.1	1.1	.3	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 5.2
ENE	.0	.4	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.6
E	.0	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
ESE	.0	.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .9
SE	.1	.9	.2	2.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.3 3.5
SSE	.1	.7	.3	4.0	.1	.9	.0	.5	.0	.3	.0	.1	.0	.0	.5 6.5
S	.0	.6	.8	10.4	.3	4.8	.3	4.2	.2	3.3	.1	1.0	.0	.1	1.8 24.3
SSW	.0	.6	.3	3.6	.1	1.4	.1	1.0	.1	.9	.0	.2	.0	.1	.6 7.7
SW	.0	.6	.2	2.5	.0	.5	.0	.2	.0	.1	.0	.0	.0	.0	.3 3.9
WSW	.0	.5	.1	.7	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.1 1.6
W	.0	.5	.1	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.7
WNW	.0	.4	.1	1.5	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.1
NW	.1	1.0	.2	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.9
NNW	.0	.6	.2	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.0
CALM	1.0	13.7													1.0 13.7
TOTAL	1.9	25.3	3.9	53.4	.6	8.8	.5	6.3	.3	4.6	.1	1.3	.0	.2	7.3 100
															8.0

CEILING-VISIBILITY

WIND GRAPH



SLE SALEM, OR

CLASS 3 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 3 / NIGHT

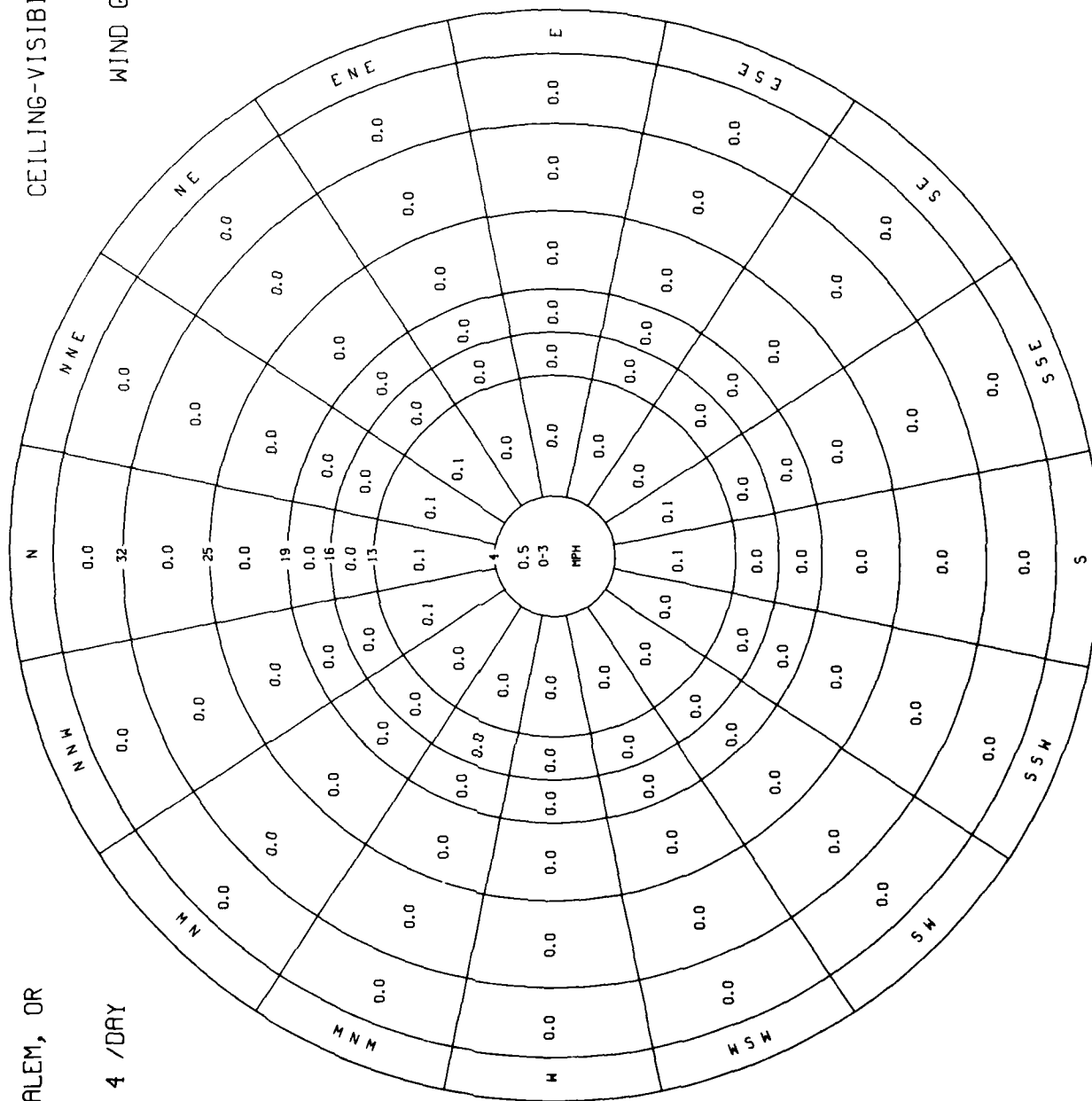
NO. OBS.: 2798

STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C		D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	1.3	.4	6.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5	7.6	6.4
NNE	.0	.6	.2	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0	6.3
NE	.1	.8	.1	1.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	5.3
ENE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	4.4
E	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	4.7
ESE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	4.7
SE	.1	.9	.2	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.5	6.1
SSE	.1	.9	.4	5.6	.1	.8	.1	.8	.0	.1	.0	.0	.0	.0	.6	8.2	9.0
S	.1	1.7	.8	11.9	.3	5.2	.3	5.0	.3	3.9	.1	1.2	.0	.1	2.0	29.0	13.0
SSW	.0	.6	.2	3.5	.1	1.1	.1	.9	.0	.6	.0	.3	.0	.1	.5	7.3	11.6
SW	.1	1.0	.1	1.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.2	5.9
WSW	.0	.5	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.6	7.1
W	.1	.8	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	5.4
WNW	.0	.2	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	7.2
NW	.1	1.1	.2	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.6	5.2
NNW	.1	.9	.2	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.3	6.0
CALM	1.4	21.5											.1	1.5	.0	100	7.4
TOTAL	2.3	33.7	3.0	45.0	.5	7.8	.5	6.9	.3	4.8	.1	1.5	.0	.3	6.7	100	

SLE SALEM, OR

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 4 / DAY

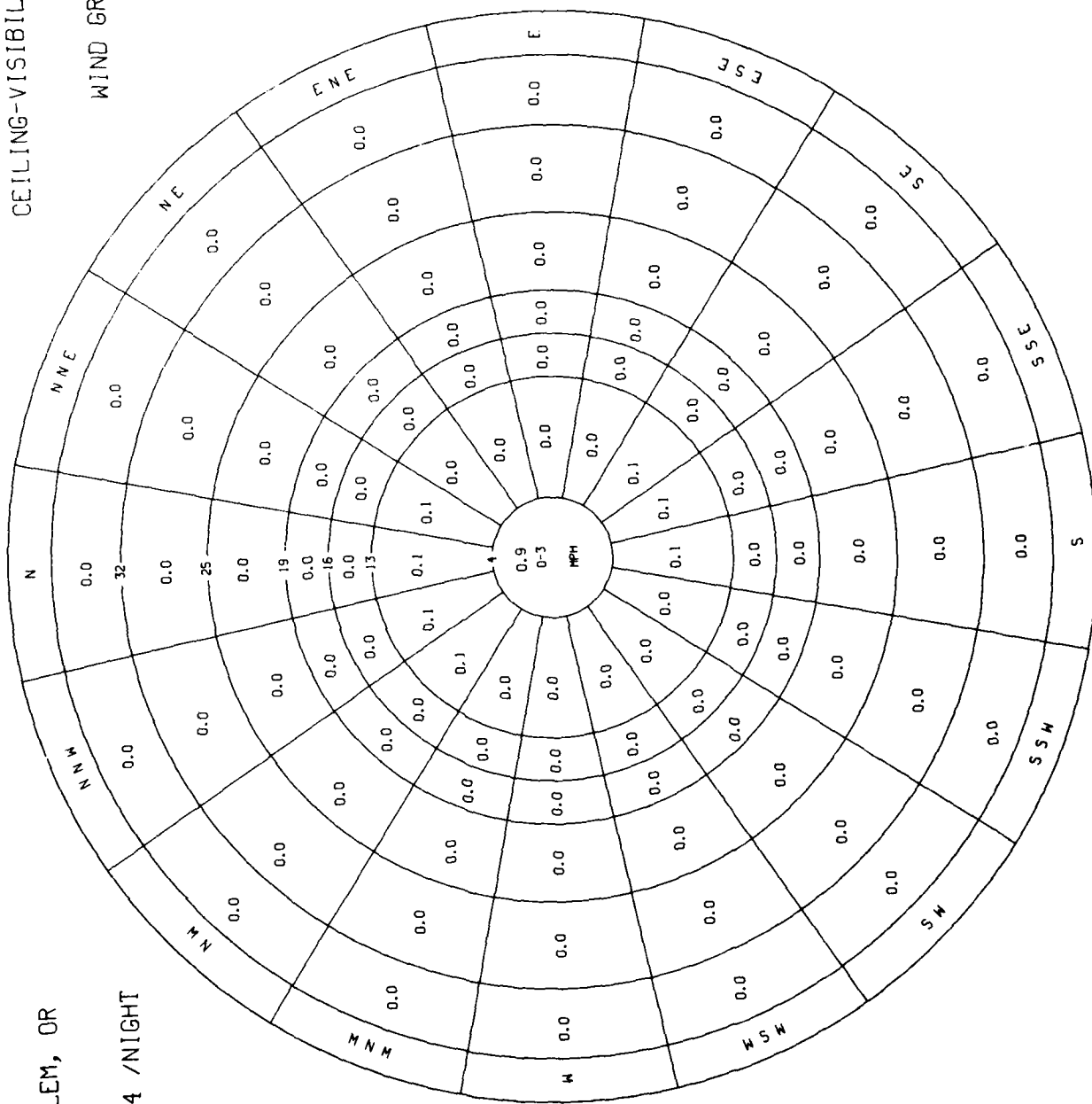
NO. OBS.: 548

STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.0	2.0	.1	11.5	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.2	13.9	6.0
NNE	.0	2.2	.1	5.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.0	5.6
NE	.0	2.0	.1	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	5.1
ENE	.0	.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.2
E	.0	.7	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.4
ESE	.0	.7	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.9
SE	.0	.4	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3	6.4
SSE	.0	1.1	.1	4.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	5.8	6.4
S	.0	1.3	.1	5.7	.0	.4	.0	.0	.0	.0	.0	.2	.0	.0	.1	7.5	7.3
SSW	.0	.4	.0	1.5	.0	.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	2.4	8.5
SW	.0	.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.3
WSW	.0	.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.8
W	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.3
WNW	.0	.7	.0	.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.5	5.5
NW	.0	1.6	.0	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	4.7
NNW	.0	1.5	.1	5.7	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	7.3	6.4
CALM	.3	30.3													.3	30.3	
TOTAL	.5	46.9	.6	50.9	.0	1.1	.0	.7	.0	.2	.0	.2	.0	.0	1.1	100	4.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 4 / NIGHT

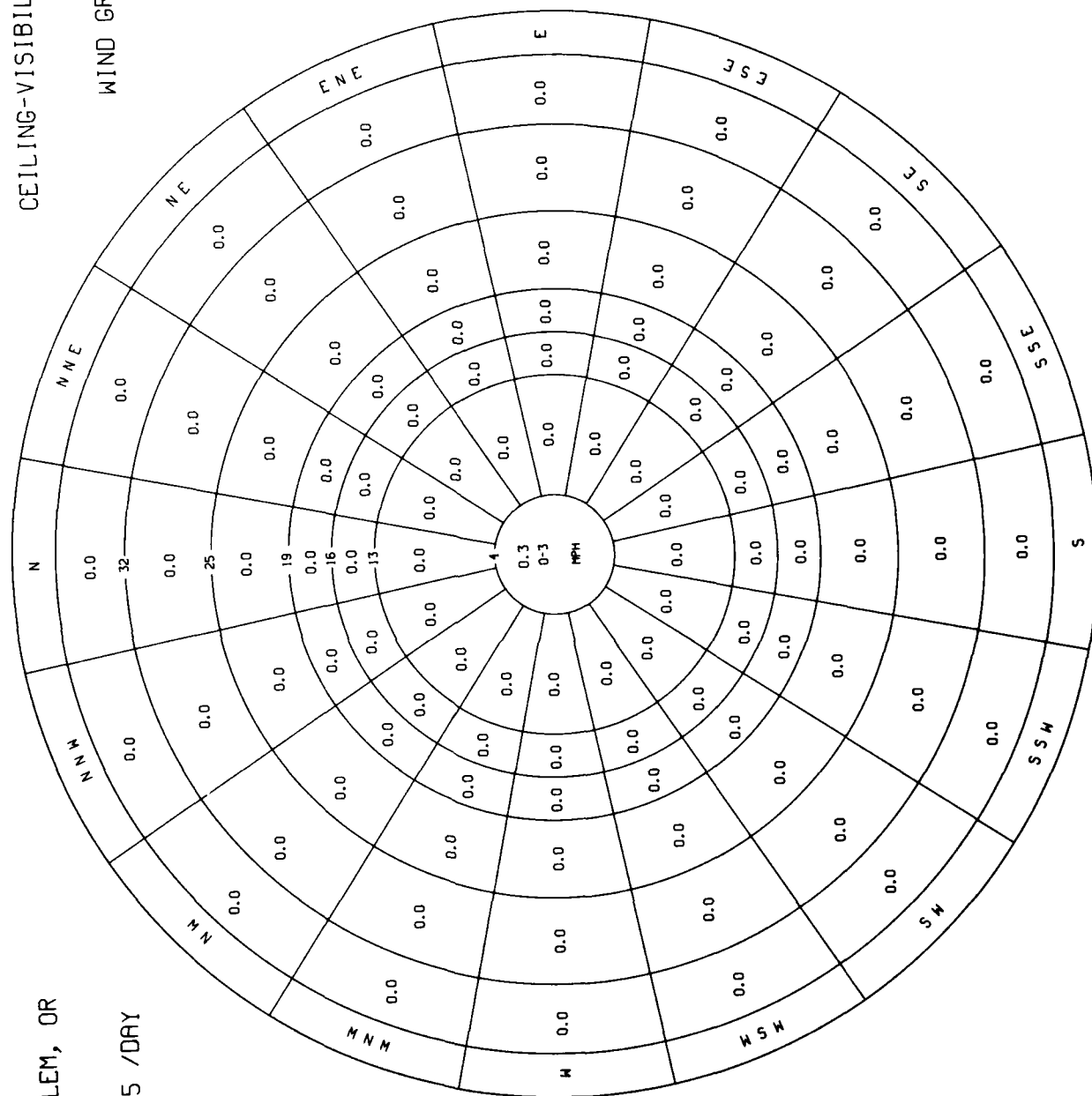
NO. OBS.: 706

STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
															A	B		C	D
N	.1	3.1	.1	8.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	12.2	5.7		
NNE	.0	1.4	.1	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	5.9		
NE	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	4.8		
ENE	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.7		
E	.0	.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.9		
ESE	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	5.0		
SE	.0	1.4	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	5.1		
SSE	.0	1.1	.1	5.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	6.5	6.1		
S	.1	3.1	.1	7.6	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	11.2	5.9		
SSW	.0	.6	.0	2.1	.0	.3	.0	.0	.0	.1	.0	.0	.0	.1	.1	3.3	8.3		
SW	.0	1.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.9		
WSW	.0	.6	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.7		
W	.0	.7	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.6		
WNW	.0	.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.5		
NW	.0	2.4	.1	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	4.5		
NNW	.0	.8	.1	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	6.6		
CALM	.6	33.3													.6	33.3			
TOTAL	.9	53.3	.8	45.2	.0	1.0	.0	.1	.0	.3	.0	.0	.0	.1	1.7	100	3.7		

CEILING-VISIBILITY

WIND GRAPH



SLE SALEM, OR

CLASS 5 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SLE SALEM, OR

PERIOD: 1948-1978

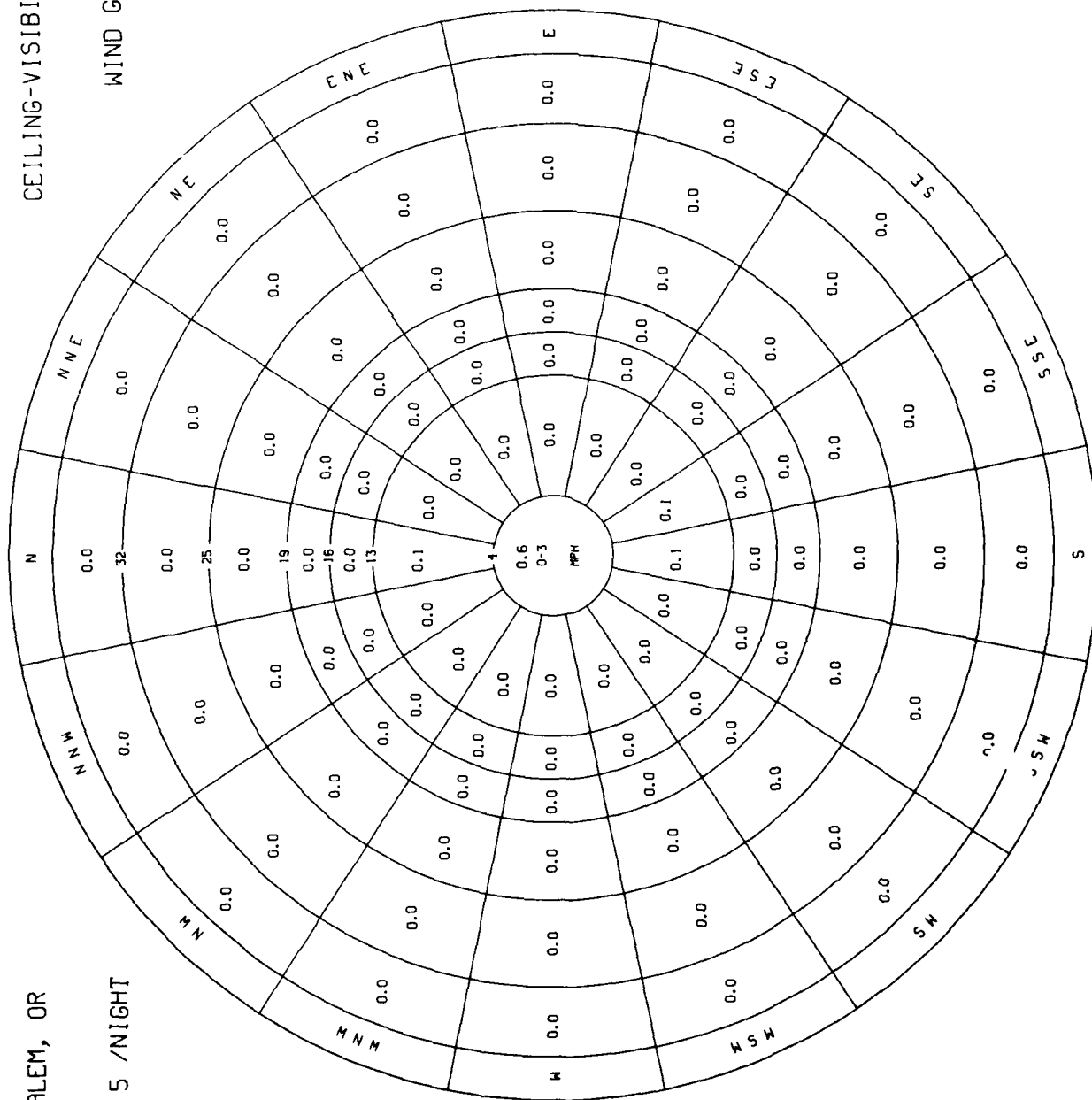
CLASS 5 / DAY

STATION NUMBER: 24232

NO. OBS.: 269

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	2.2	.0	6.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.9	5.4
NNE	.0	1.5	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	5.5
NE	.0	1.5	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5	4.6
ENE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.8
E	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.2
ESE	.0	.0	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	6.0
SE	.0	.7	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	4.7
SSE	.0	.0	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	7.0
S	.0	1.1	.0	5.9	.0	.0	.0	.0	.0	.4	.0	.0	.0	.0	.0	7.4	7.0
SSW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.7
SW	.0	.7	.0	1.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	2.2	6.6
WSW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	6.5
W	.0	1.1	.0	1.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	5.5
WNW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.7
NW	.0	1.1	.0	6.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.8	5.3
NNW	.0	1.1	.0	5.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.3	5.5
CALM	.2	41.3														2.41.3	
TOTAL	.3	55.4	.2	42.8	.0	1.1	.0	.4	.0	.4	.0	.0	.0	.0	.5	100	3.2

CEILING-VISIBILITY
WIND GRAPH



SLE SALEM, OR
CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 5 / NIGHT

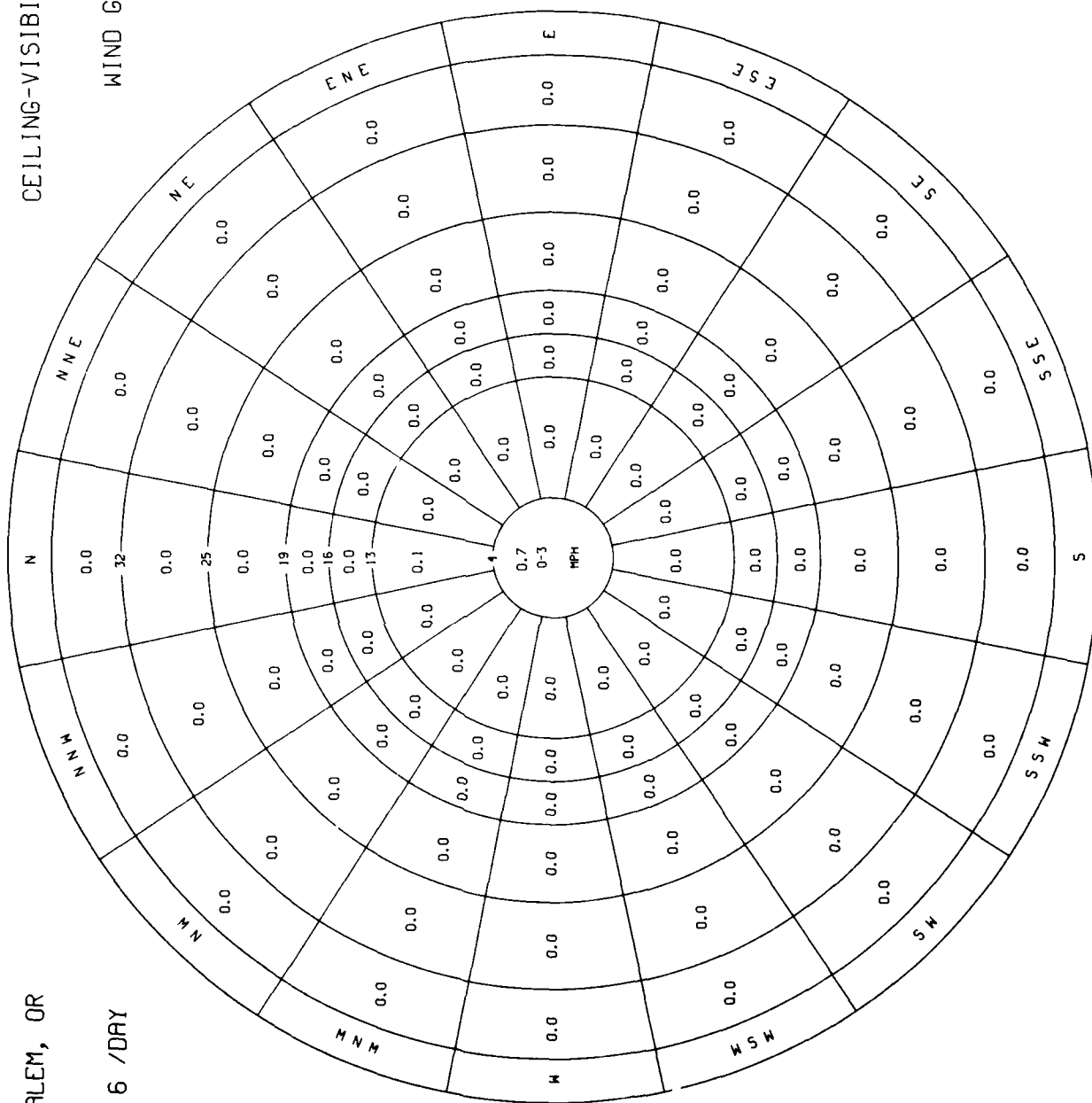
NO. OBS.: 432

STATION NUMBER: 24232

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.9	.1	5.3	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1 7.4
NNE	.0	1.2	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
NE	.0	1.6	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.4
ENE	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
E	.0	1.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.6
ESE	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
SE	.0	2.5	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 5.8
SSE	.0	1.6	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1 7.2
S	.0	3.2	.1	7.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 10.4
SSW	.0	.2	.0	2.5	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0 3.0
SW	.0	1.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
WSW	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
W	.0	.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
WNW	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NW	.0	1.4	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
NNW	.0	.7	.0	2.3	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0 3.2
CALM	.4	39.4													.4 39.4
TOTAL	.6	59.0	.4	40.3	.0	.0	.0	.5	.0	.2	.0	.0	.0	.0	1.0 100
															3.1

CEILING-VISIBILITY

WIND GRAPH



SLE SALEM, OR

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 6 / DAY

NO. OBS.: 456

STATION NUMBER: 24232

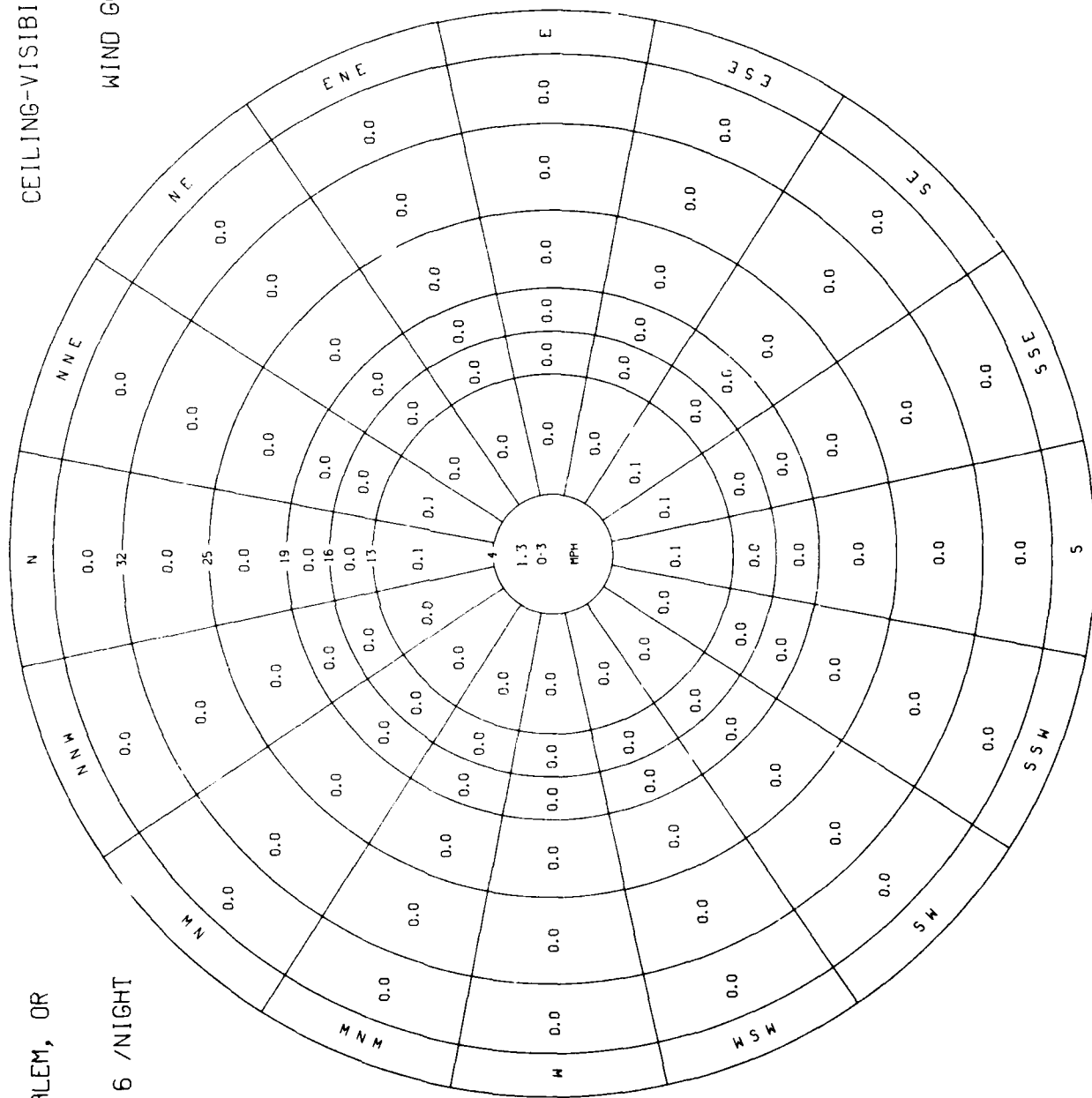
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.1	5.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.9
NNE	.0	1.3	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.7
NE	.0	1.8	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.2
ENE	.0	.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
E	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
ESE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
SE	.0	1.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.5
SSE	.0	.2	.0	1.8	.0	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0 2.2
S	.0	1.1	.0	1.8	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0 3.1
SSW	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SW	.0	1.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
WSW	.0	1.1	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
W	.0	1.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.4
WNW	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NW	.0	3.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.0
NNW	.0	2.2	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.2
CALM	.5	51.5													.5 51.5
TOTAL	.7	72.4	.3	27.2	.0	.0	.0	.2	.0	.2	.0	.0	.0	.0	.9 100
															2.2

CEILING-VISIBILITY

WIND GRAPH

SLE SALEM, OR

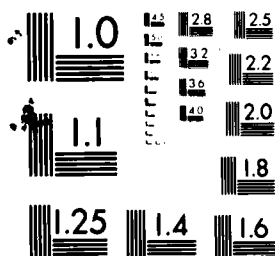
CLASS 6 /NIGHT



4 OF 5

AD-A

108168



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SLE SALEM, OR

CLASS 6 / NIGHT

NO. OBS.: 758

STATION NUMBER: 24232

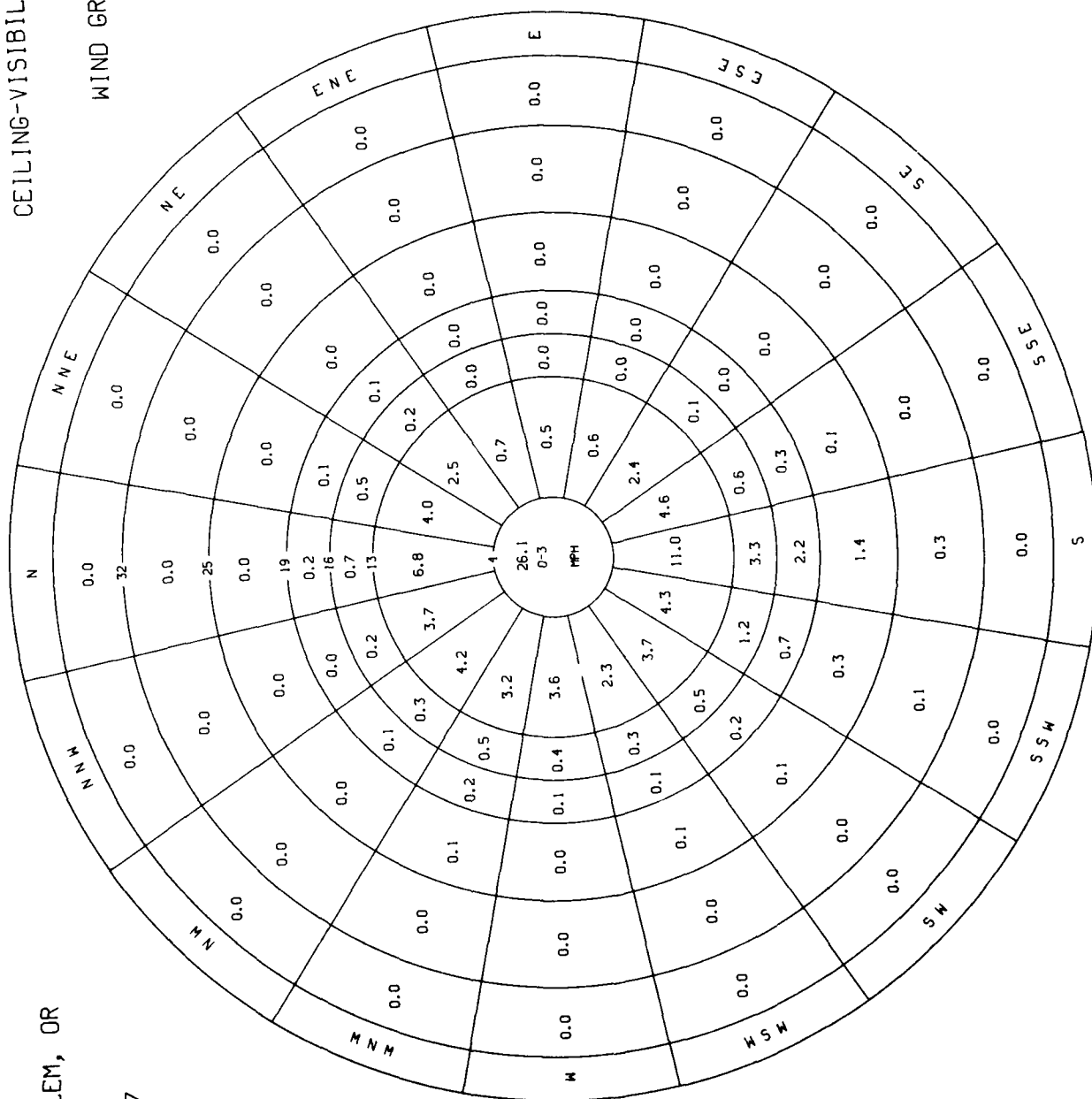
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	3.8	.1	4.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.0	4.4
NNE	.0	.7	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	5.2
NE	.0	1.6	.0	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1	4.3
ENE	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.7
E	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.9
ESE	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.3
SSE	.1	3.4	.1	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	4.1
SSE	.0	1.3	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.6	5.3
S	.1	2.8	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	4.3
SSW	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.7
SW	.0	1.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	3.5
WSW	.0	.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.2
W	.0	1.6	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	3.7
WNW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.1
NW	.0	2.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.6	3.7
NNW	.0	1.1	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.4
CALM	.9	48.3													.9	48.3	
TOTAL	1.3	72.7	.5	27.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	100	2.2

SLE SALEM, OR

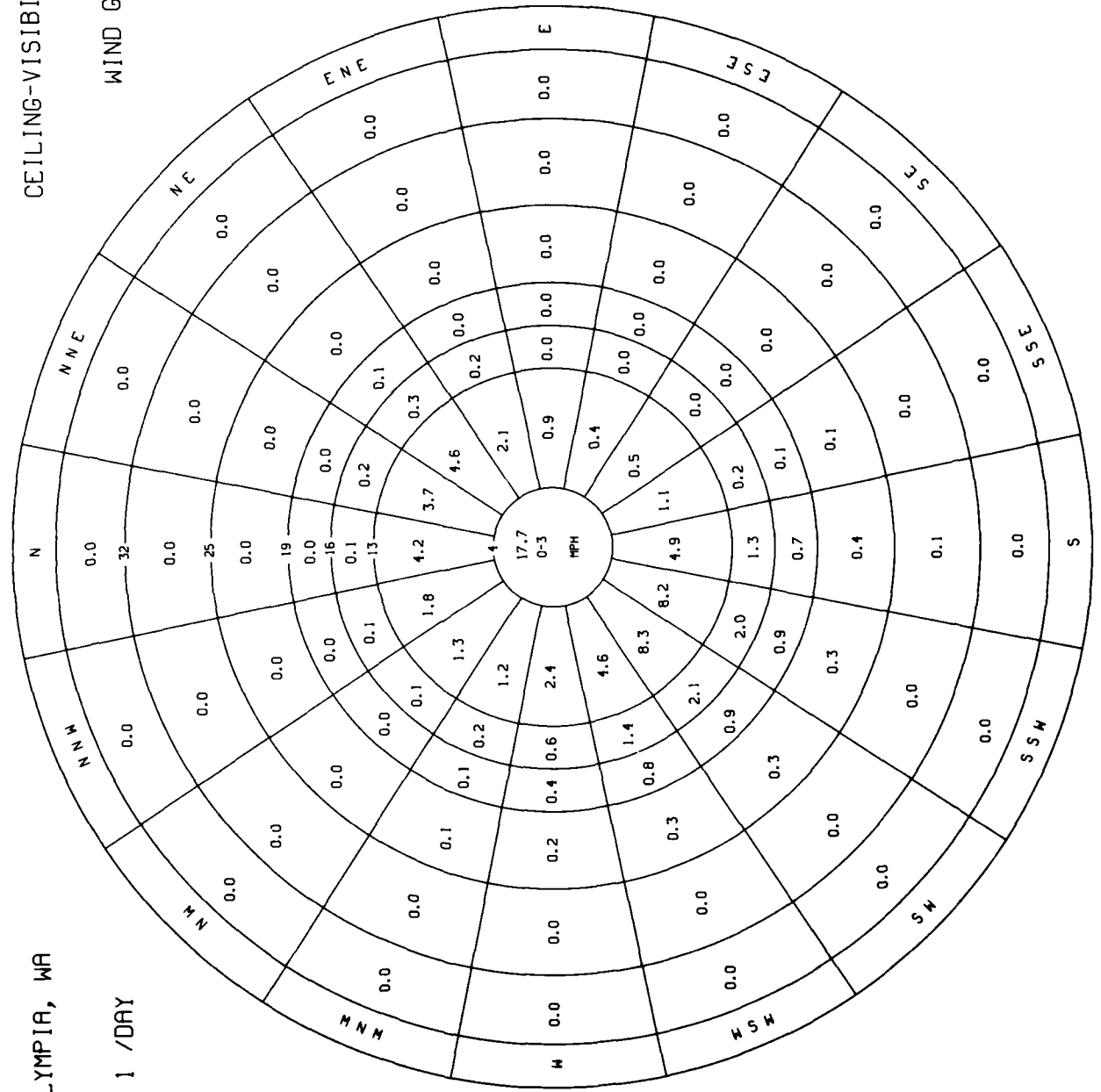
WIND GRAPH

CLASS 7

CLASS 7



CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 1 / DAY

NO. OBS.: 36154

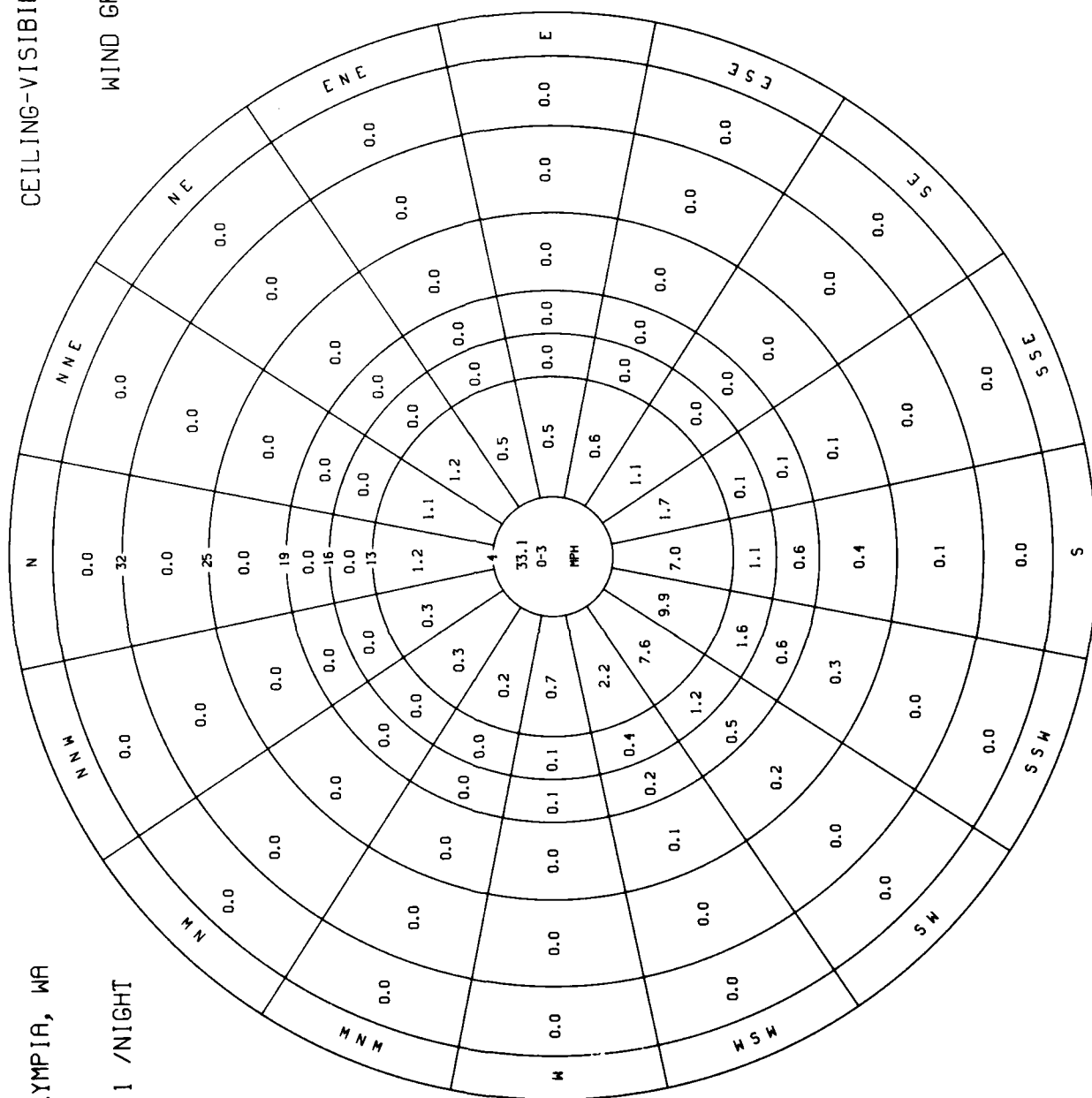
STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)																	AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
															C	D		
	A	B	A	B	A	B	A	B	A	B	A	B	C	D				
N	1.2	1.4	4.2	5.1	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6	6.7	6.4
NNE	1.3	1.6	3.7	4.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3	6.4	6.5
NE	1.4	1.7	4.6	5.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	6.5	7.8	6.8
ENE	.8	1.0	2.1	2.6	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	3.9	6.6
E	.6	.7	.9	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	5.2
ESE	.4	.5	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	4.6
SE	.5	.6	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	4.4
SSE	.6	.7	1.1	1.3	.2	.2	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.0	2.4	7.9
S	.9	1.1	4.9	6.0	1.3	1.5	.7	.8	.4	.5	.1	.1	.0	.0	.0	8.3	10.1	10.1
SSW	1.0	1.2	8.2	9.9	2.0	2.4	.9	1.1	.3	.4	.0	.1	.0	.0	.0	12.5	15.1	9.9
SW	1.0	1.2	8.3	10.0	2.1	2.5	.9	1.1	.3	.3	.0	.0	.0	.0	.0	12.6	15.2	9.8
WSW	.7	.9	4.6	5.6	1.4	1.7	.8	.9	.3	.4	.0	.0	.0	.0	.0	7.8	9.4	10.4
W	.5	.6	2.4	2.8	.6	.8	.4	.5	.2	.2	.0	.0	.0	.0	.0	4.0	4.8	9.9
WNW	.4	.5	1.2	1.5	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	2.0	2.4	8.2
NW	.5	.6	1.3	1.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	2.4	6.6
NNW	.6	.7	1.8	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.0	6.4
CALM	5.2	6.2														5.2	6.2	
TOTAL	17.7	21.3	50.4	60.7	8.8	10.6	4.1	5.0	1.7	2.1	.2	.3	.0	.0	.0	83.0	100	8.0

WIND GRAPH

OLM OLYMPIA, WA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 1 / NIGHT

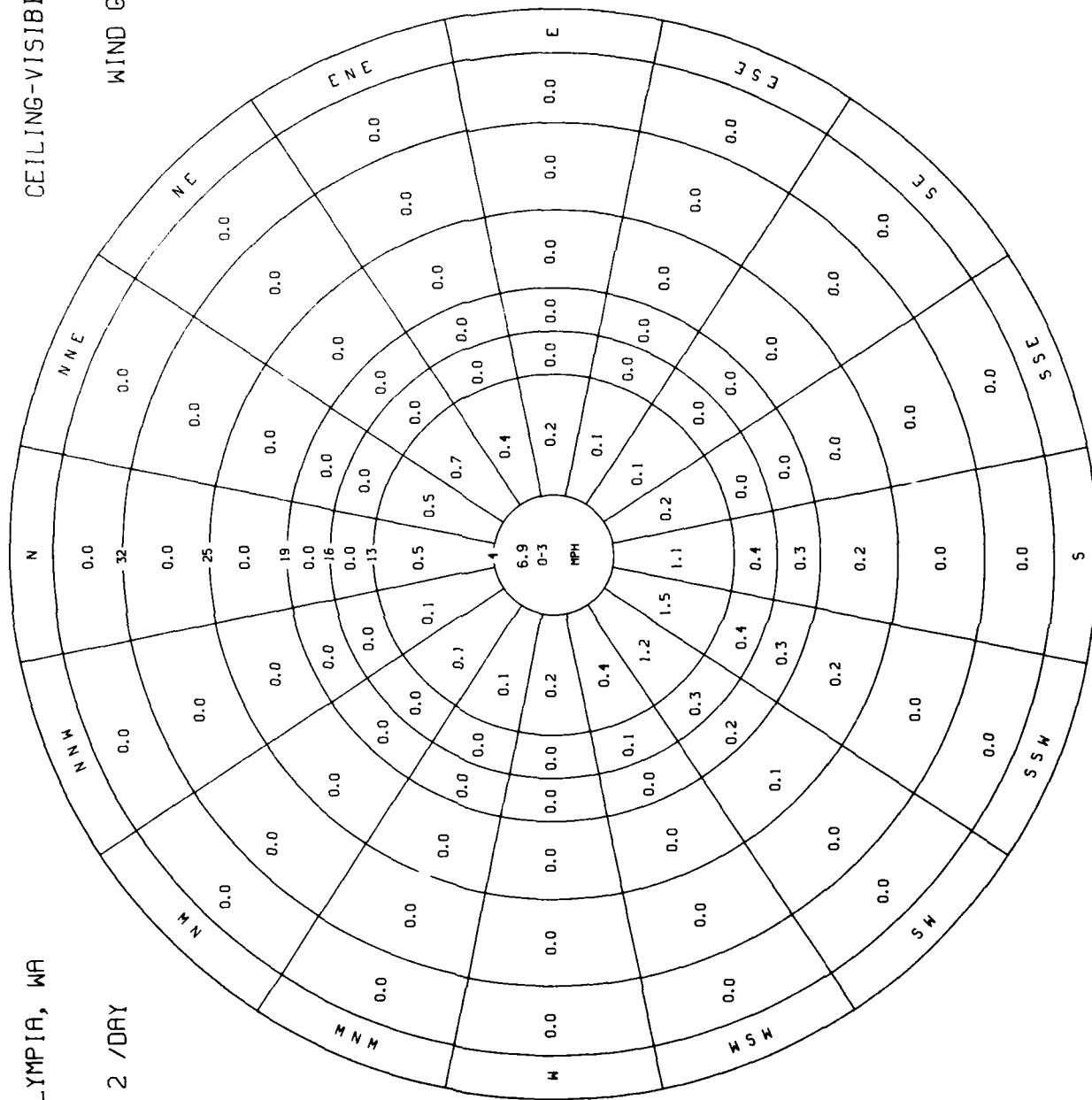
NO. OBS.: 27356

STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL				
															A	B		C	D
N	1.1	1.5	1.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.0	4.3		
NNE	1.0	1.3	1.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	2.8	4.5		
NE	1.1	1.4	1.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	3.1	4.8		
ENE	.6	.8	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	1.5	4.3		
E	.8	1.1	.5	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	1.8	3.8		
ESE	1.0	1.3	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	2.1	3.7		
SE	1.6	2.0	1.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	3.4	3.9		
SSE	1.5	1.9	1.7	2.2	.1	.2	.1	.1	.1	.1	.0	.0	.0	.0	3.6	4.6	6.0		
S	2.0	2.6	7.0	9.1	1.1	1.4	.6	.8	.4	.6	.1	.1	.0	.0	11.3	14.6	8.7		
SSW	1.6	2.1	9.9	12.8	1.6	2.0	.6	.8	.3	.4	.0	.1	.0	.0	14.1	18.2	9.0		
SW	1.6	2.0	7.6	9.8	1.2	1.5	.5	.6	.2	.2	.0	.0	.0	.0	11.0	14.2	8.5		
WSW	.7	1.0	2.2	2.9	.4	.5	.2	.3	.1	.1	.0	.0	.0	.0	3.7	4.7	8.3		
W	.5	.7	.7	.9	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.4	1.8	6.2		
WNW	.4	.5	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	.8	4.7		
NW	.5	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	3.8		
NNW	.5	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	3.7		
CALM	16.5	21.4													16.5	21.4			
TOTAL	33.1	42.7	36.2	46.7	4.6	5.9	2.1	2.8	1.1	1.5	.2	.3	.0	.1	77.4	100	5.7		

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 2 / DAY

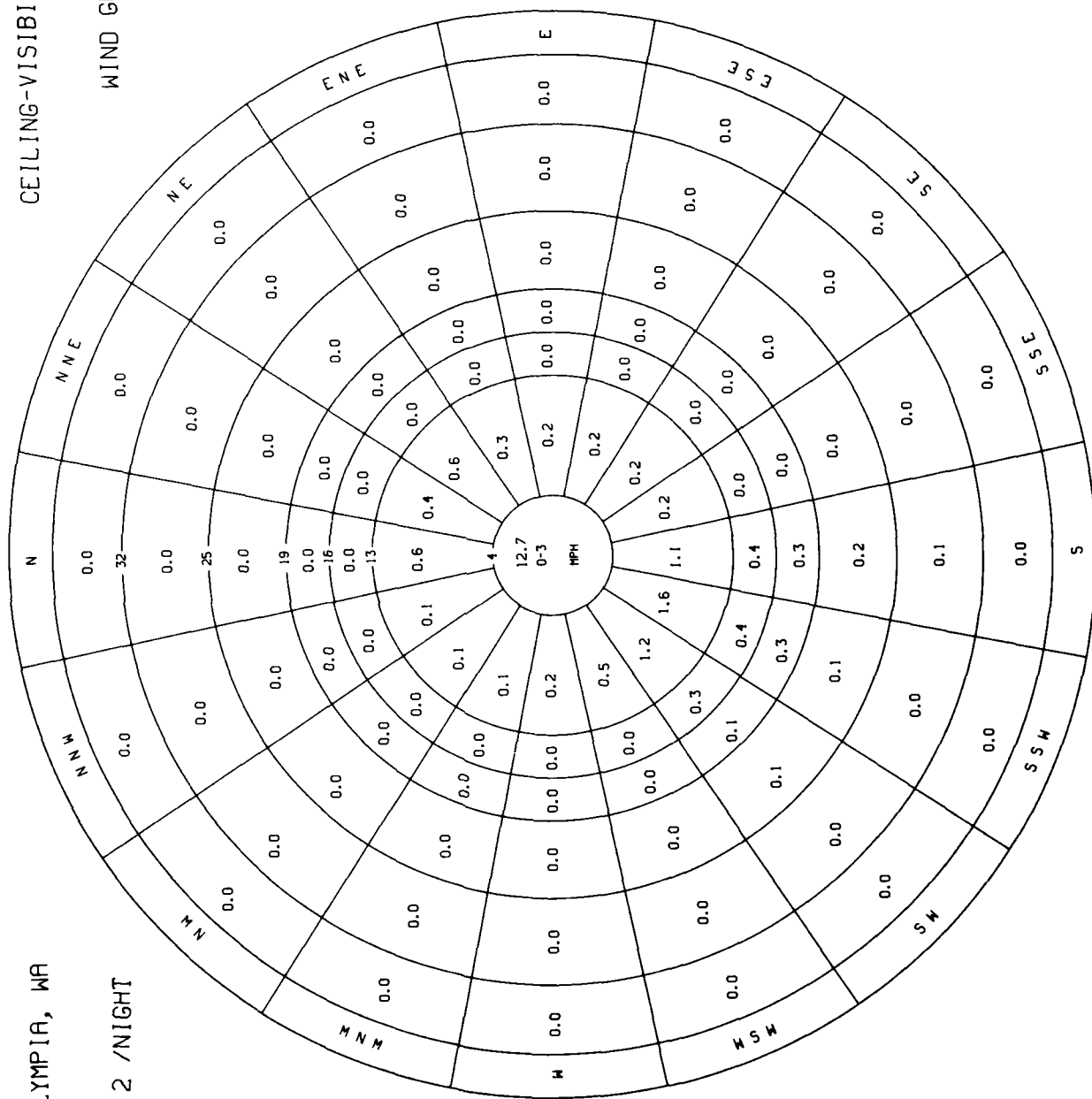
NO. OBS.: 7401

STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.4	2.3	.5	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 5.4 4.7
NNE	.3	2.0	.5	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 4.7 4.8
NNE	.5	2.9	.7	4.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2 7.3 5.1
ENE	.3	1.9	.4	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 4.4 4.7
E	.3	1.5	.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.0 4.3
ESE	.2	1.2	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.9 3.5
SE	.2	1.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.7 3.7
SSE	.2	1.0	.2	1.0	.0	.3	.0	.1	.0	.2	.0	.1	.0	.0	.4 2.6 8.1
S	.3	1.6	1.1	6.3	.4	2.2	.3	1.6	.2	1.1	.0	.3	.0	.0	2.2 13.1 11.1
SSW	.3	1.5	1.5	8.7	.4	2.6	.3	2.1	.2	1.1	.0	.2	.0	.0	2.7 16.2 11.0
SW	.3	1.9	1.2	7.3	.3	1.6	.2	.9	.1	.5	.0	.1	.0	.0	2.1 12.4 9.2
WSW	.2	1.2	.4	2.5	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.8 4.5 7.6
W	.1	.9	.2	.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 1.9 5.7
WNW	.1	.7	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.1 3.9
NW	.1	.9	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.2 3.8
NNW	.1	.7	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 1.5 4.3
CALM	2.9	17.2													2.9 17.2
TOTAL	6.9	40.5	7.4	43.4	1.2	7.3	.8	5.0	.5	3.1	.1	.7	.0	.1	17.0 100 6.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 2 / NIGHT

NO. OBS.: 7992

STATION NUMBER: 24227

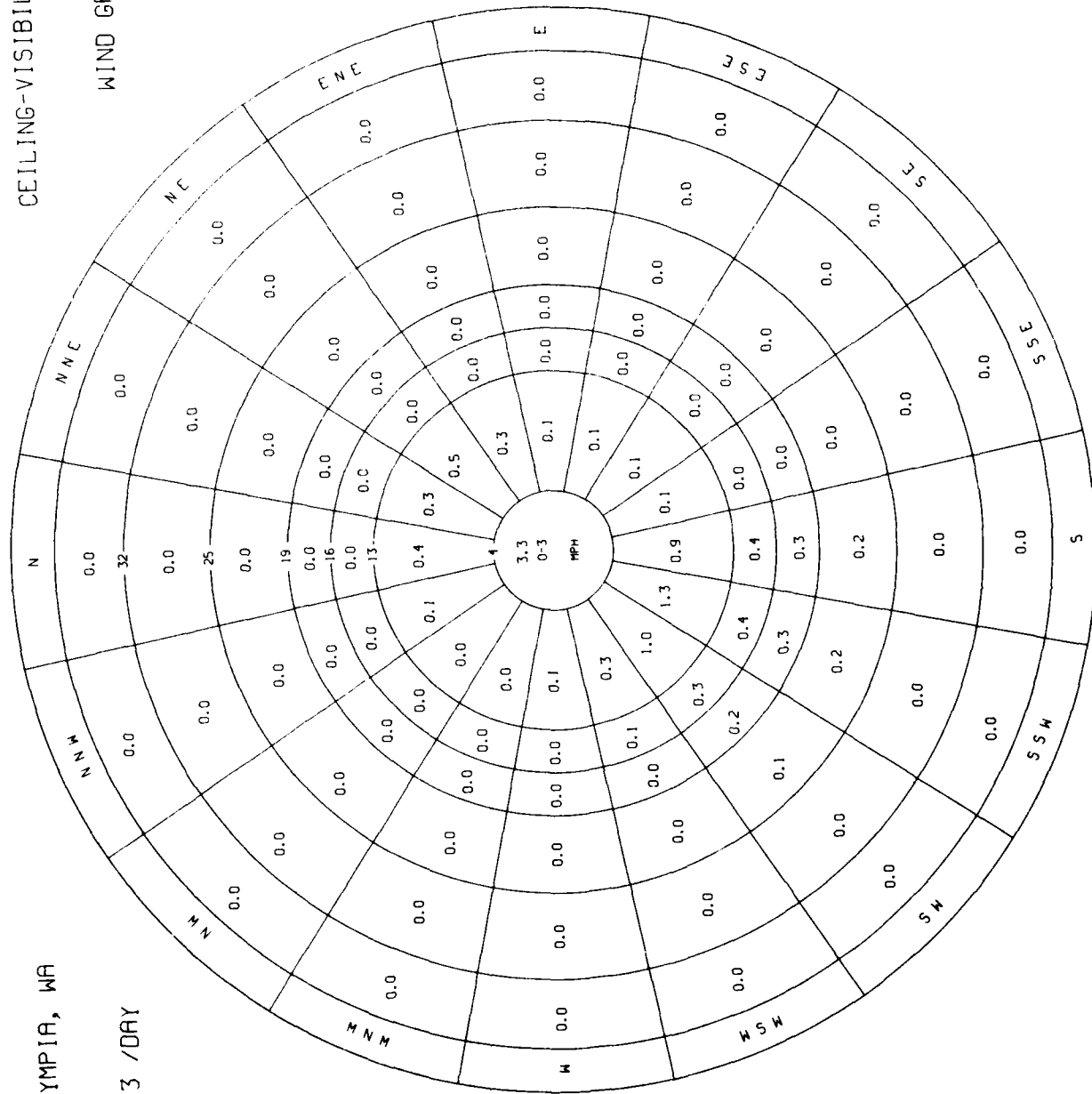
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.4	2.0	.6	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.6	4.6
NNE	.4	2.0	.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.7	4.3
NE	.6	2.8	.6	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.5	4.3
ENE	.3	1.3	.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.5	4.2
E	.4	1.7	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.8	3.8
ESE	.4	1.6	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.3	3.4
SE	.4	1.8	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.5	3.4
SSE	.3	1.4	.2	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.6	2.8	6.1
S	.4	1.9	1.1	4.7	.4	1.6	.3	1.2	.2	.7	.1	.2	.0	.0	2.4	10.5	10.4
SSW	.4	1.7	1.6	7.0	.4	1.9	.3	1.2	.1	.6	.0	.1	.0	.0	2.8	12.5	10.0
SW	.5	2.4	1.2	5.4	.3	1.3	.1	.6	.1	.3	.0	.0	.0	.0	2.2	9.9	8.1
WSW	.2	1.0	.5	2.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.8	3.4	6.6
W	.2	.8	.2	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.7	4.4
WNW	.1	.6	.1	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.8	3.6
NW	.2	.7	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.1	3.9
NNW	.2	1.1	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.8	3.9
CALM	7.2	31.7													7.2	31.7	
TOTAL	12.7	56.2	7.5	33.1	1.2	5.2	.7	3.3	.4	1.7	.1	.4	.0	.1	22.6	100	4.7

CEILING-VISIBILITY

WIND GRAPH

OLM OLYMPIA, WA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 3 / DAY

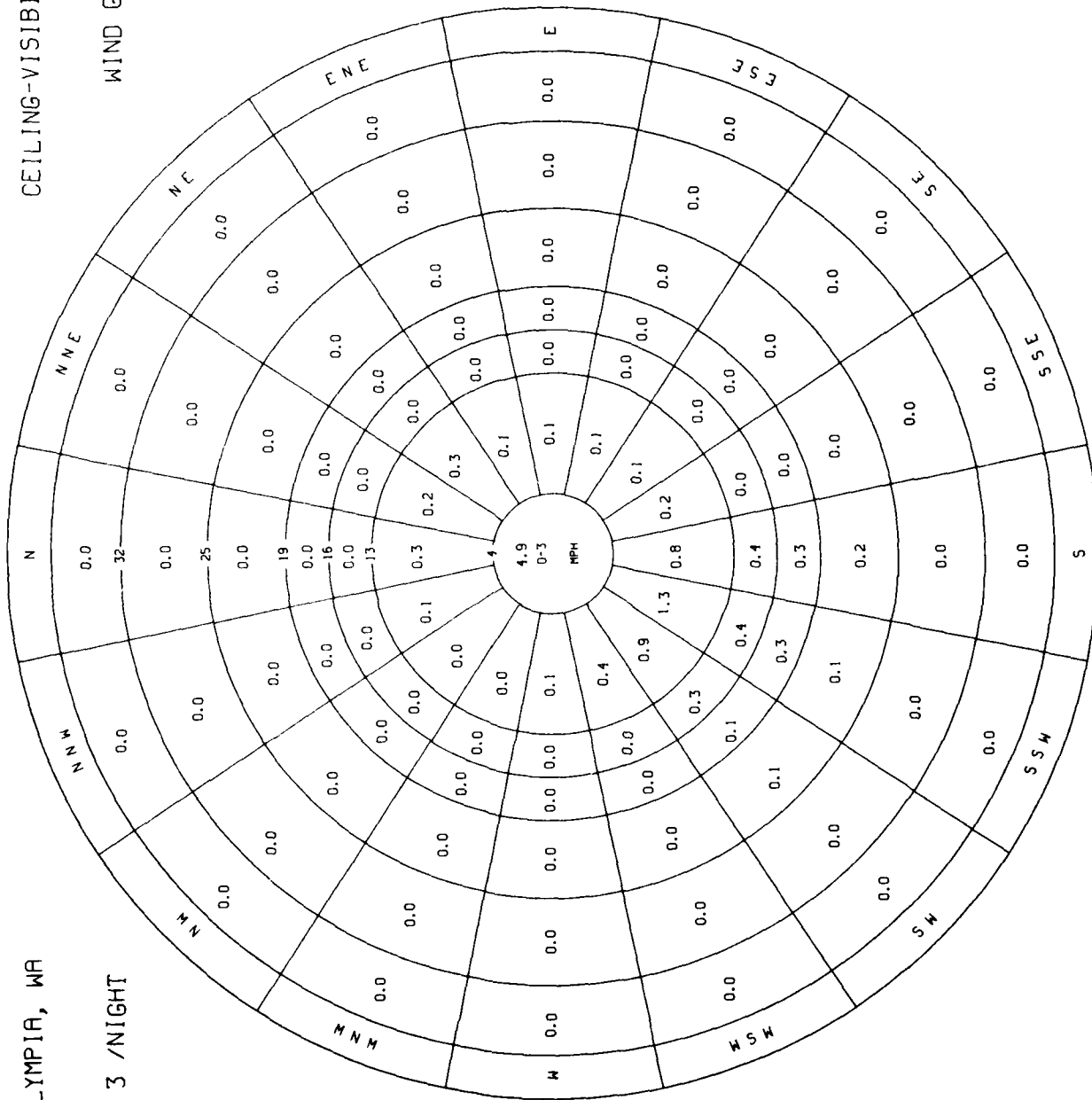
NO. OBS.: 5083

STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	1.8	.4	3.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.0	5.0
NNE	.2	1.7	.3	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.9	4.9
NE	.3	2.3	.5	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	6.7	5.4
ENE	.2	1.4	.3	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.8	5.1
E	.1	1.1	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.4	4.6
ESE	.1	.8	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	3.5
SE	.1	.7	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.4
SSE	.1	.7	.1	1.1	.0	.4	.0	.2	.0	.3	.0	.2	.0	.0	.3	2.8	9.8
S	.1	1.3	.9	7.9	.4	3.1	.3	2.2	.2	1.6	.0	.4	.0	.1	1.9	16.6	12.0
SSW	.2	1.4	1.3	11.3	.4	3.7	.3	3.0	.2	1.5	.0	.3	.0	.0	2.5	21.3	11.5
SW	.2	1.6	1.0	8.7	.3	2.4	.2	1.4	.1	.7	.0	.1	.0	.0	1.7	14.9	10.1
WSW	.1	.9	.3	3.0	.1	.6	.0	.3	.0	.2	.0	.0	.0	.0	.6	5.0	8.8
W	.1	.8	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2	2.0	6.3
WNW	.1	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.1
NW	.1	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.2
NNW	.1	.6	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	4.5
CALM	1.2	10.1			1.2	10.4	.8	7.2	.5	4.4	.1	1.0	.0	.1	11.7	100	8.2
TOTAL	3.3	28.3	5.7	48.6													

CEILING-VISIBILITY
WIND GRAPH

OLM OLYMPIA, WA
CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OLM OLYMPIA, WA

PERIOD: 1948-1978

CLASS 3 / NIGHT

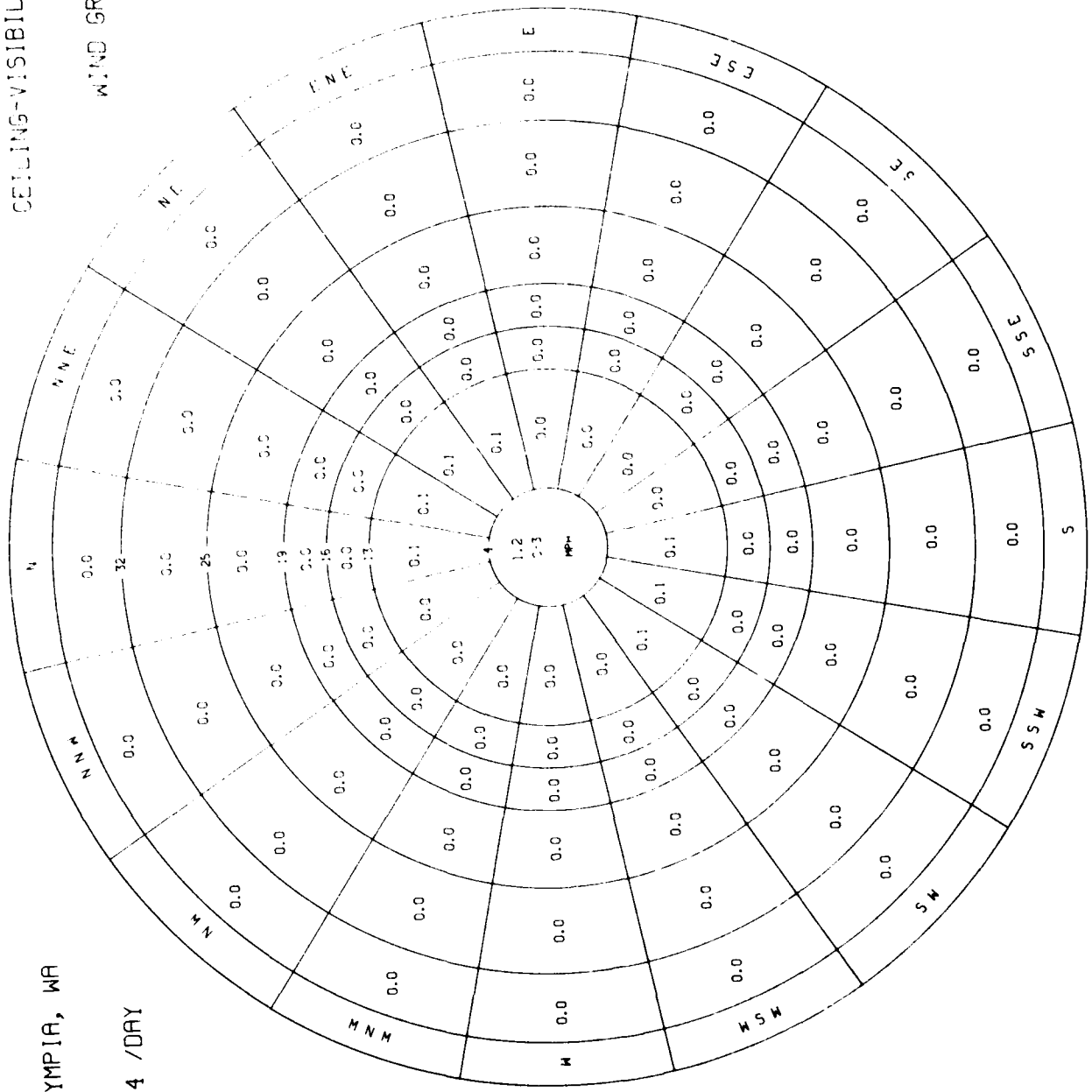
STATION NUMBER: 24227

NO. OBS.: 4376

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.2	1.8	.3	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.4	4.7
NNE	.2	1.4	.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.2	4.6
NE	.3	2.3	.3	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.9	4.6
ENE	.1	.9	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	4.6
E	.1	1.2	.1	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	4.0
ESE	.1	.8	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	4.0
SE	.1	1.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	3.8
SSE	.1	.9	.2	1.4	.0	.2	.0	.3	.0	.1	.0	.0	.0	.0	.4	3.0	8.1
S	.2	1.7	.8	6.5	.4	2.9	.3	2.2	.2	1.3	.0	.4	.0	.0	1.9	15.1	11.9
SSW	.2	1.6	1.3	10.5	.4	3.4	.3	2.1	.1	1.1	.0	.2	.0	.0	2.4	19.0	10.9
SW	.3	2.2	.9	7.6	.3	2.2	.1	1.1	.1	.4	.0	.0	.0	.0	1.7	13.6	9.3
WSW	.1	.7	.4	3.1	.0	.3	.0	.2	.0	.1	.0	.0	.0	.0	.5	4.3	7.7
W	.1	.6	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	5.0
WNW	.1	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	4.1
NW	.1	.5	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.2
NNW	.1	1.1	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.7	3.9
CALM	2.5	20.5													2.5	20.5	
TOTAL	4.9	39.7	5.1	41.2	1.2	9.3	.7	5.9	.4	3.1	.1	.7	.0	.1	12.4	100	6.8

CEILING-VISIBILITY WIND GRAPH

OLM OLYMPIA, WA
CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OLM OLYMPIA, WA

PERIOD: 1948-1978

CLASS 4 / DAY

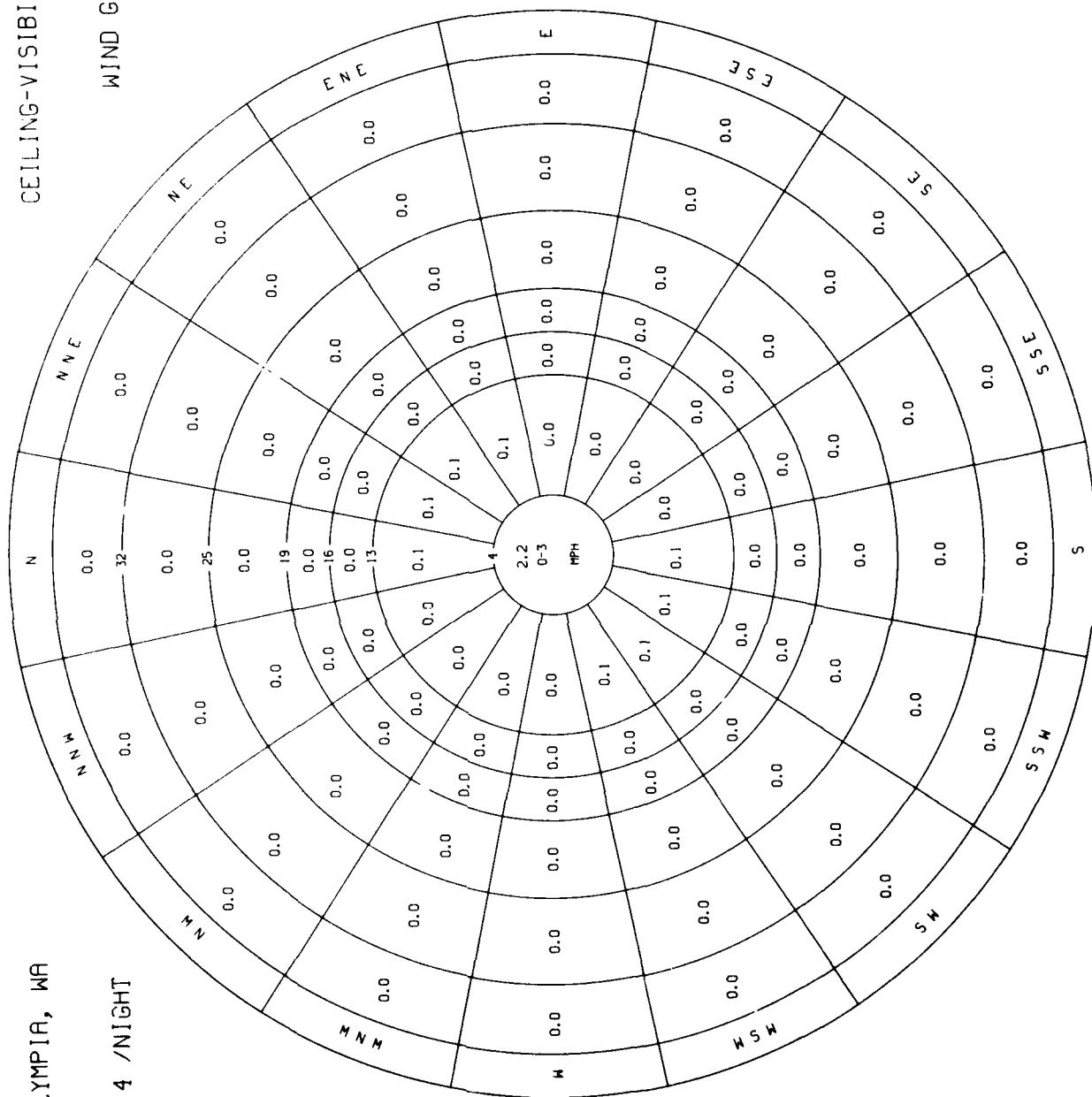
STATION NUMBER: 24227

NO. OBS.: 901

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	4.0	.1	3.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.9
NNE	.1	2.4	.1	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 7.3
NE	.1	4.6	.1	5.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 9.9
ENE	.1	2.6	.1	3.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.2
E	.1	2.6	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
ESE	.0	2.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
SE	.0	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
SSE	.0	1.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
S	.0	1.9	.1	4.0	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.1 6.4
SSW	.0	2.0	.1	4.4	.0	.1	.0	.0	.0	.3	.0	.0	.0	.0	.1 6.9
SW	.1	3.3	.1	5.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2 9.0
WSW	.1	2.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.9
W	.0	.8	.0	.4	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.0 1.4
WNW	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
NW	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.2
NNW	.0	1.1	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.7
CALM	.5	25.0													.5 25.0
TOTAL	1.2	59.0	.8	39.3	.0	.8	.0	.2	.0	.7	.0	.0	.0	.0	2.1 100
															3.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 4 / NIGHT

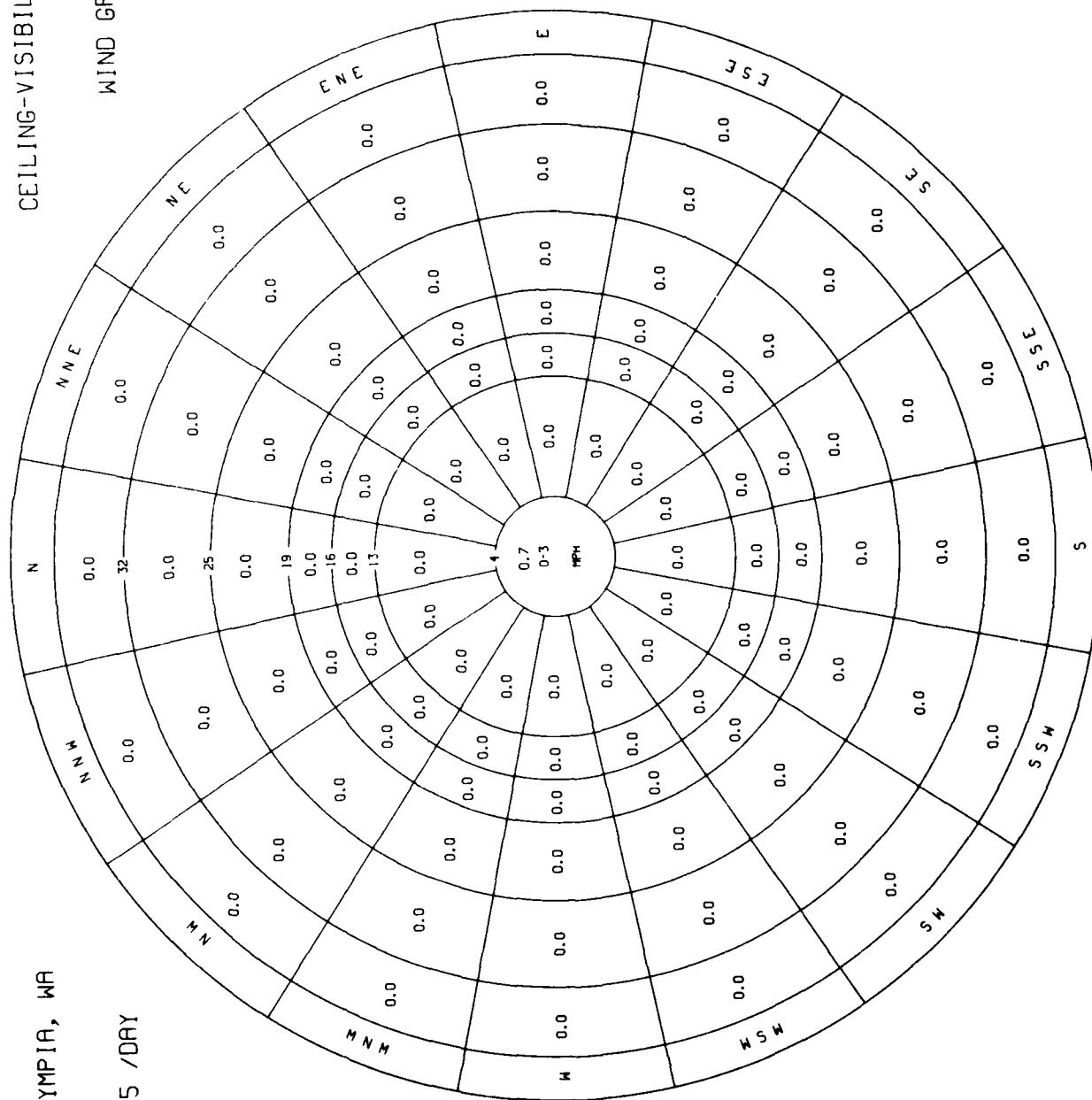
NO. OBS.: 1160

STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.1	2.7	.1	4.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.3	4.9
NNE	.1	2.8	.1	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	5.6	4.6
NE	.1	2.6	.1	4.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.7	4.9
ENE	.1	1.9	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.5	4.1
E	.0	1.5	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	4.1
ESE	.1	1.8	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	3.2
SE	.0	1.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	3.2
SSE	.1	1.6	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	3.5
S	.0	1.0	.1	2.7	.0	.1	.0	.1	.0	.0	.0	.1	.0	.0	.0	.1	4.0	6.2
SSW	.0	1.5	.1	4.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	5.8	6.3
SW	.1	2.5	.1	4.1	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	6.8	5.4
WSW	.0	1.4	.1	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	3.0	4.9
W	.0	1.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.4	3.9
WNW	.0	1.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.4
NW	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.1	3.8
NNW	.1	1.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	3.9
CALM	1.3	39.3														1.3	39.3	
TOTAL	2.2	67.4	1.0	31.3	.0	.8	.0	.3	.0	.1	.0	.1	.0	.0	.0	3.3	100	2.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 5 / DAY

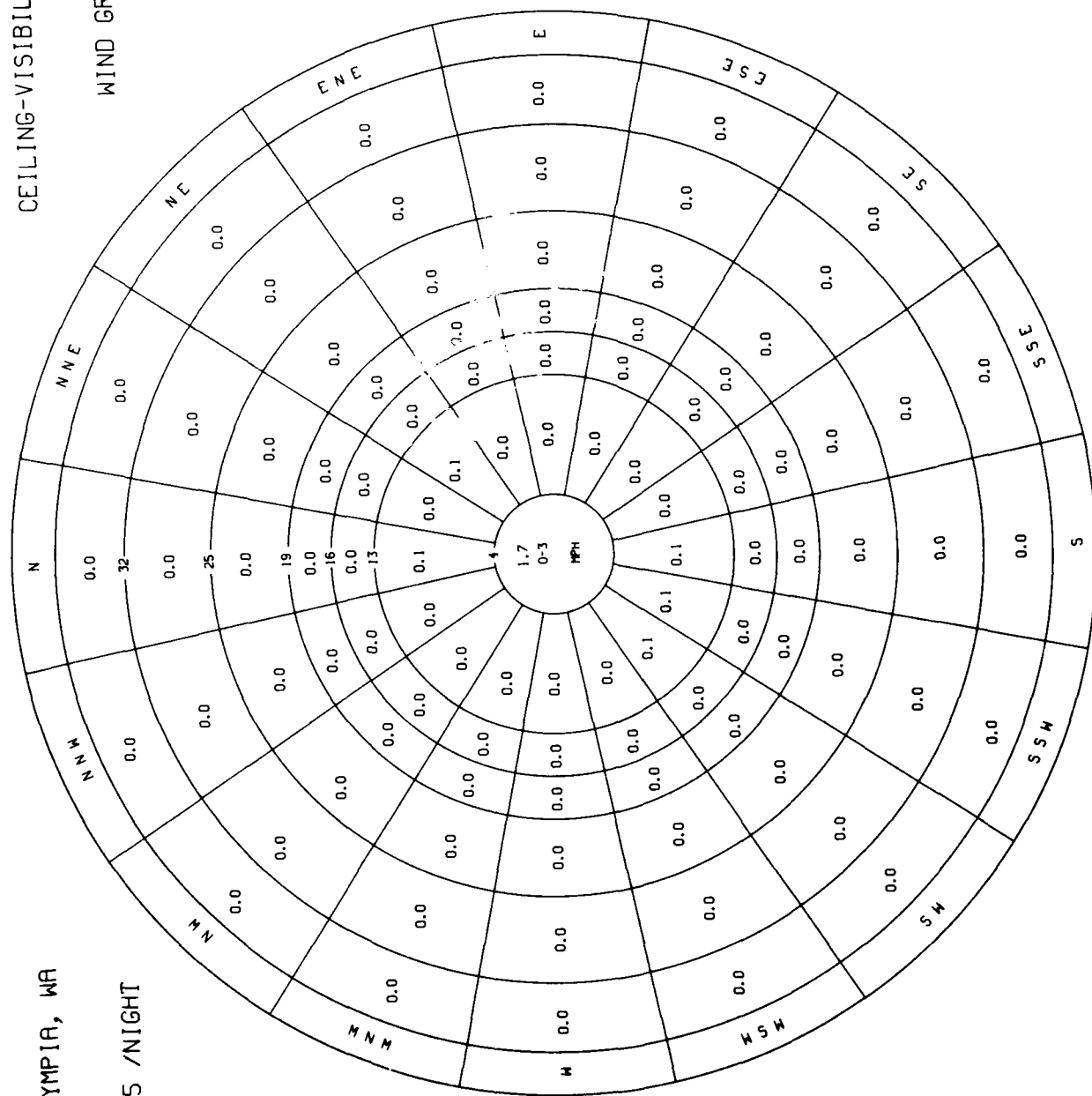
NO. OBS.: 454

STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.6	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.2	4.5
NNE	.0	2.4	.0	4.2	.0	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	6.8	4.8
NE	.0	1.8	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	5.4
ENE	.0	3.5	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.8	4.4
E	.0	2.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.1
ESE	.0	2.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	3.5
SE	.0	1.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.1
SSE	.0	2.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	3.2
S	.0	2.4	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.1	4.0
SSW	.0	2.6	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	4.6
SW	.0	1.3	.0	4.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	4.3
WSW	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	4.2
W	.0	.9	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.5
WNW	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.7
NW	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.5
NNW	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	33.9	
CALM	.4	33.9																
TOTAL	.7	65.4	.4	34.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.0	100	2.9

CEILING-VISIBILITY

WIND GRAPH



OLM OLYMPIA, WA

CLASS 5 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 5 / NIGHT

NO. OBS.: 790

STATION NUMBER: 24227

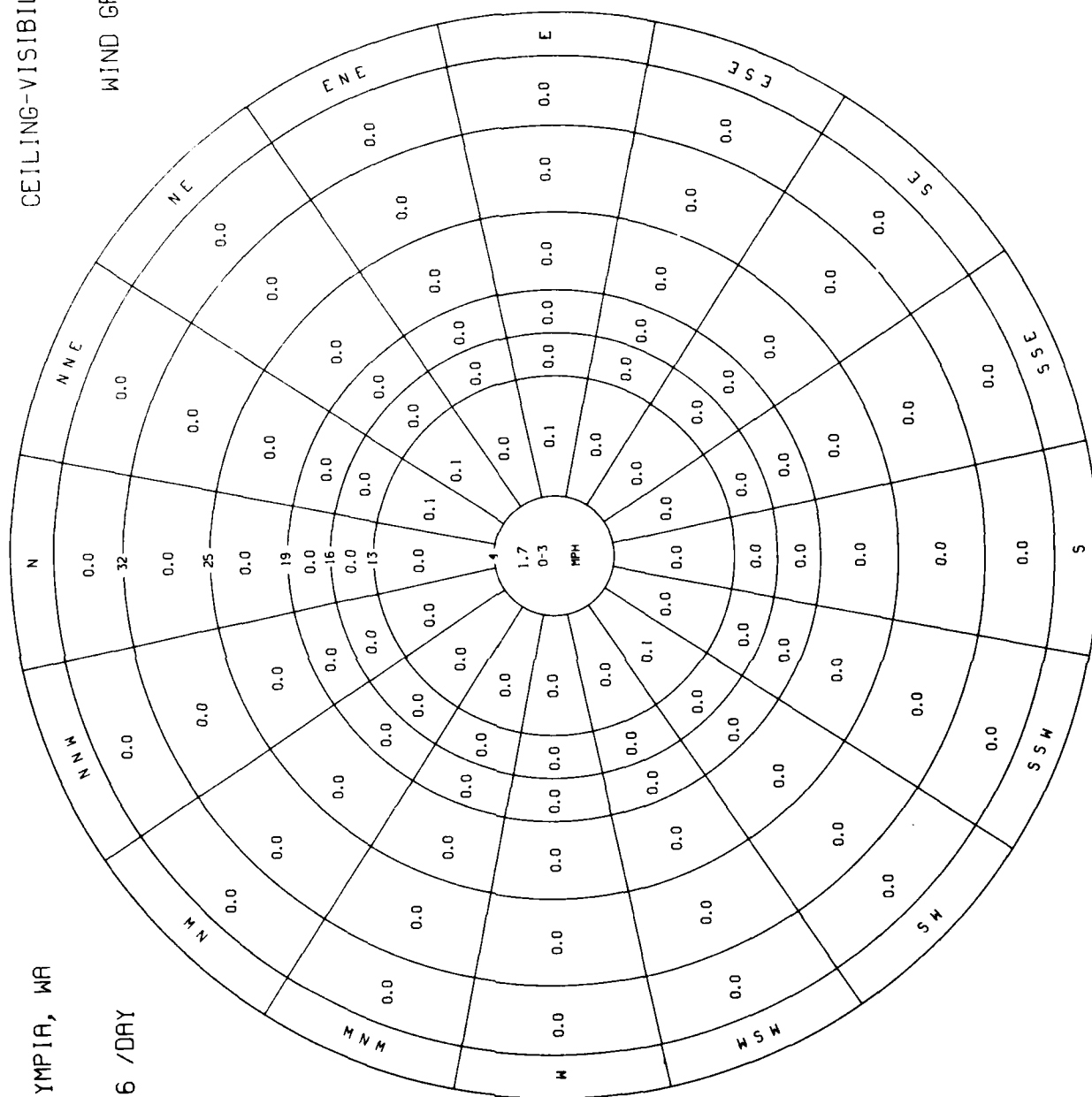
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D		
N	.0	1.8	.1	2.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	4.5
NNE	.1	3.0	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	3.8
NE	.1	3.0	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	4.2
ENE	.0	1.6	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	4.5
E	.1	3.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1	3.1
ESE	.0	1.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	3.9
SE	.1	2.7	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.4	3.2
SSE	.0	1.9	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	3.1
S	.1	2.8	.1	3.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	6.5	4.8
SSW	.0	1.5	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	5.2
SW	.1	2.3	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	4.3
WSW	.0	1.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.9
W	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	3.2
WNW	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.6
NW	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.4
NNW	.0	.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.3
CALM	1.0	45.3														1.0	45.3	
TOTAL	1.7	74.9	.6	24.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	2.2	100	2.3

CEILING-VISIBILITY

WIND GRAPH

OLM OLYMPIA, WA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: OLM OLYMPIA, WA

PERIOD: 1948-1978

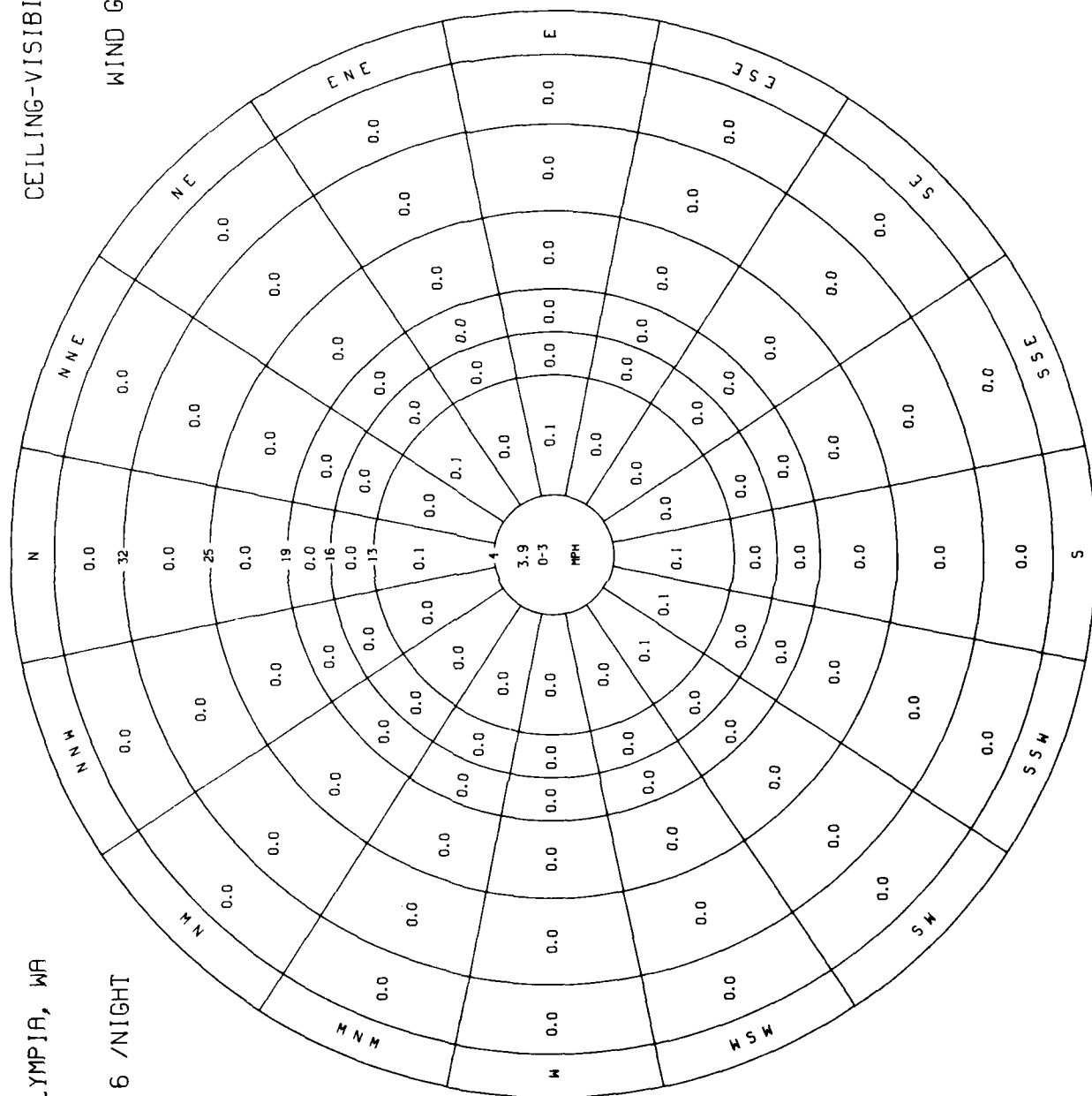
CLASS 6 / DAY

STATION NUMBER: 24227

NO. OBS.: 963

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL			
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D	
N	.1	2.9	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	3.9
NNE	.1	3.0	.1	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	4.2
NE	.1	4.6	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.8	4.2
ENE	.1	3.3	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.8	3.5
E	.1	2.5	.1	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	4.2
ESE	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	3.4
SE	.1	2.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.8	3.0
SSE	.0	1.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.7
S	.1	2.8	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	3.8
SSW	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	4.1
SW	.1	2.4	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.4	4.4
WSW	.0	1.5	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	3.9
W	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.3
WNW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	3.3
NW	.0	1.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.9
NNW	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.5
CALM	.9	39.8														.9	39.8	
TOTAL	1.7	76.0	.5	23.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	100	2.3

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: OLM OLYMPIA, WA

CLASS 6 / NIGHT

NO. OBS.: 1666

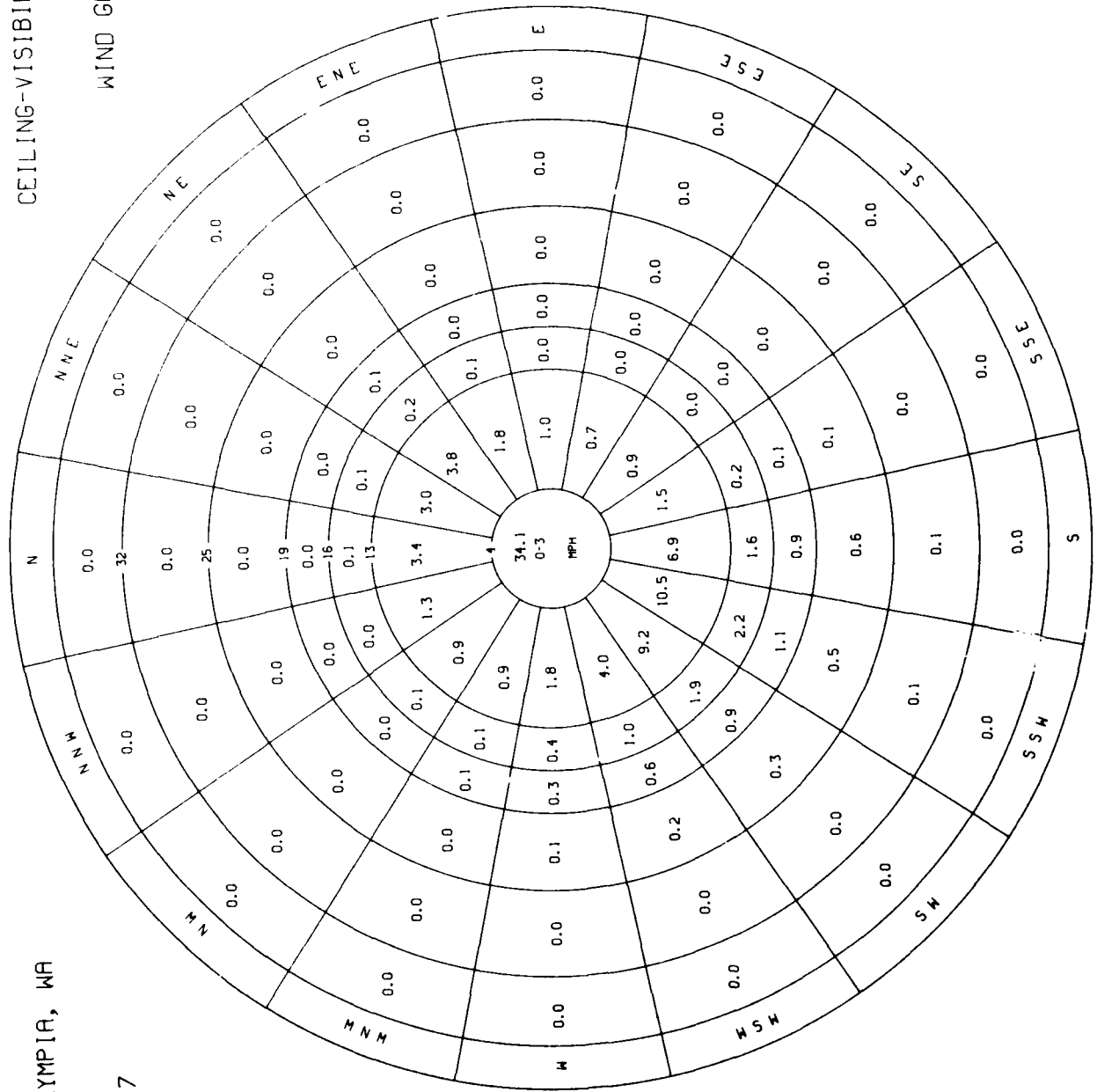
STATION NUMBER: 24227

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
																C	D
	A	B	A	B	A	B	A	B	A	B	A	B	C	D			
N	.1	2.1	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	3.7
NNE	.1	2.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.4	3.4
NE	.2	4.1	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	6.2	3.4
ENE	.1	1.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	3.3
E	.1	2.5	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.1	3.8
ESE	.1	3.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.7	2.7
SE	.2	3.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.6	3.0
SSE	.1	2.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	2.9
S	.1	2.6	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.6	3.8
SSW	.1	2.0	.1	1.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.7	4.4
SW	.1	2.8	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.8	3.9
WSW	.1	1.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	3.4
W	.1	1.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	3.7
WNW	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.8
NW	.0	.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	3.1
NNW	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	3.4
CALM	2.3	49.3													2.3	49.3	
TOTAL	3.9	83.0	.8	16.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	4.7	100	1.8

OLM OLYMPIA, WA

WIND GRAPH

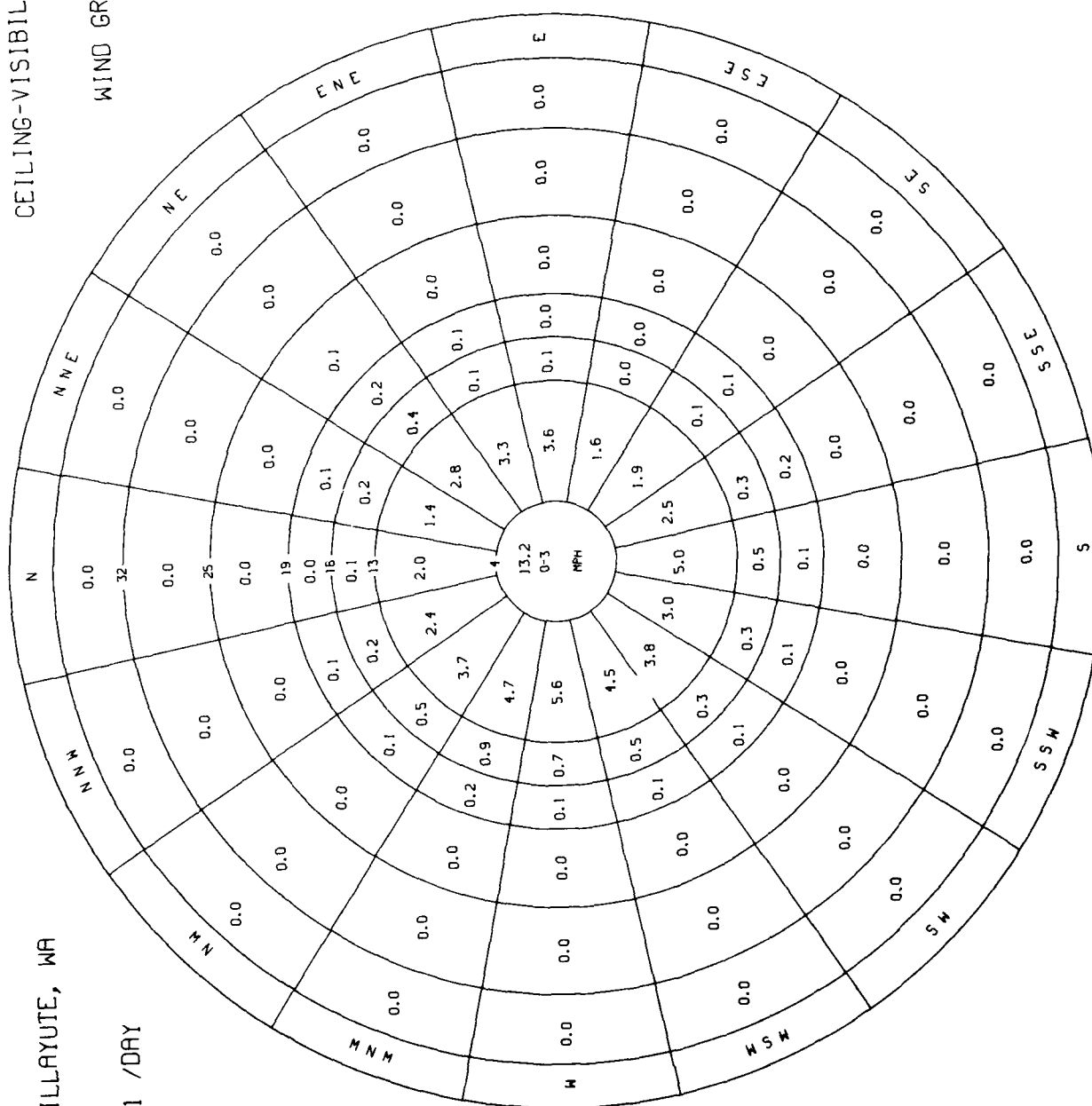
CLASS 7



UIL OULLAYUTE, WA

WIND GRAPH

CLASS 1 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: UIL QUILLAYUTE, WA

PERIOD: 1967-1978

CLASS 1 / DAY

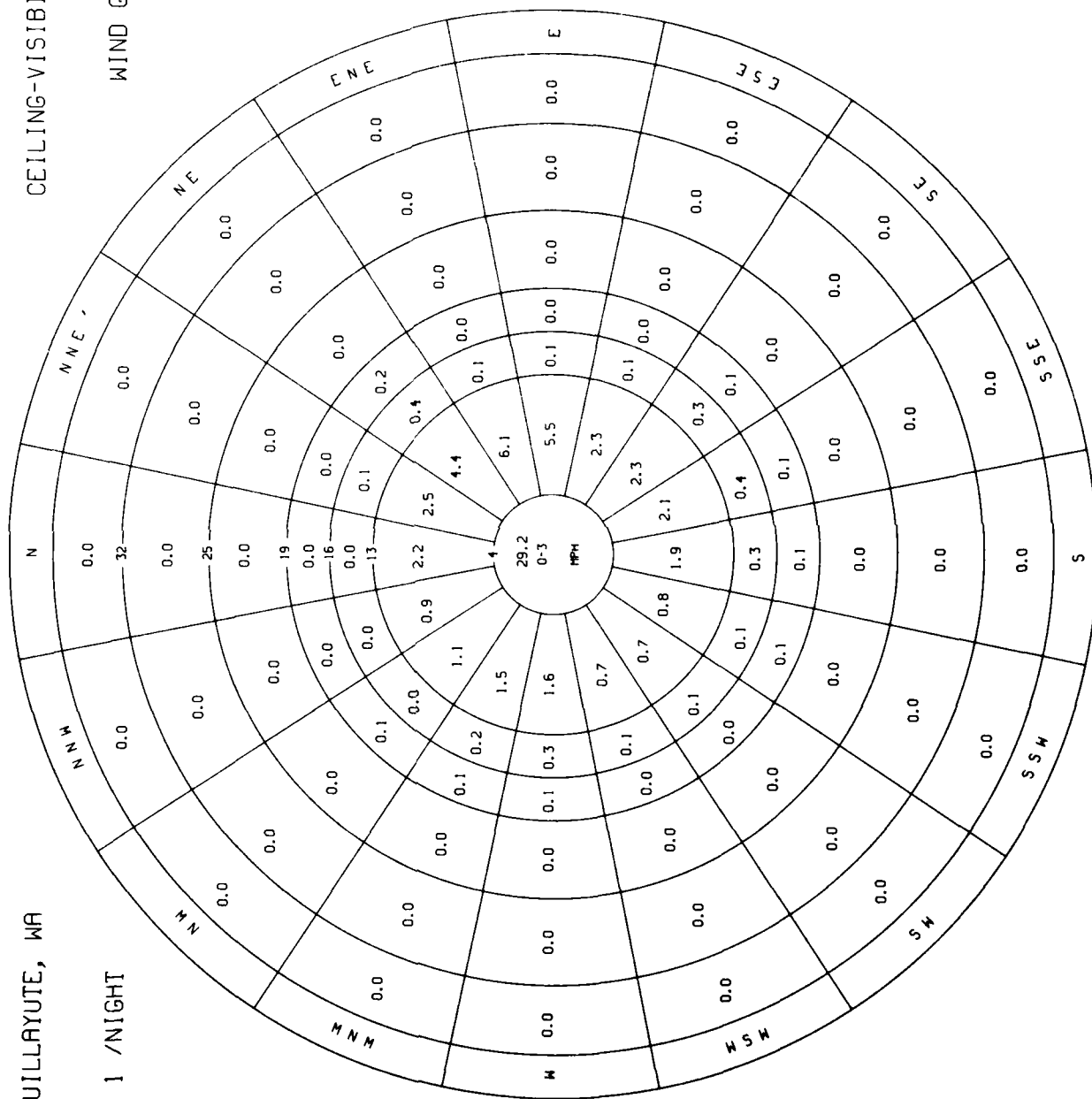
STATION NUMBER: 94240

NO. OBS.: 14180

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.4	.6	2.0	2.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.4	6.7
NNE	.4	.6	1.4	1.9	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.1	2.9	7.6
NE	.6	.9	2.8	3.9	.4	.6	.2	.3	.1	.1	.0	.0	.0	.0	4.1	5.8	8.4
ENE	.7	1.0	3.3	4.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	4.3	6.0	6.5
E	1.0	1.4	3.6	4.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.7	6.5	5.6
ESE	.5	.7	1.6	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.0	5.8
SE	.4	.6	1.9	2.6	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.5	3.5	7.4
SSE	.4	.5	2.5	3.5	.3	.4	.2	.2	.0	.0	.0	.0	.0	.0	3.3	4.6	8.2
S	.5	.8	5.0	6.9	.5	.7	.1	.2	.0	.0	.0	.0	.0	.0	6.2	8.6	8.1
SSW	.2	.3	3.0	4.2	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.6	4.9	8.3
SW	.1	.2	3.8	5.3	.3	.5	.1	.1	.0	.0	.0	.0	.0	.0	4.4	6.1	8.6
WSW	.2	.3	4.5	6.2	.5	.6	.1	.1	.0	.0	.0	.0	.0	.0	5.3	7.3	8.6
W	.2	.3	5.6	7.8	.7	1.0	.1	.2	.0	.0	.0	.0	.0	.0	6.8	9.4	9.1
WNW	.3	.4	4.7	6.5	.9	1.2	.2	.3	.0	.0	.0	.0	.0	.0	6.1	8.4	9.2
NW	.2	.2	3.7	5.1	.5	.7	.1	.1	.0	.0	.0	.0	.0	.0	4.5	6.2	9.0
NNW	.2	.3	2.4	3.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	2.9	4.0	8.5
CALM	6.6	9.2													6.6	9.2	
TOTAL	13.2	18.3	51.7	71.9	5.3	7.3	1.5	2.0	.3	.5	.0	.0	.0	.0	71.9	100	7.3

UIL OUI LLAYUTE, WA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1967-1978

STATION NAME: UIL GUILLYUTE, WA

CLASS 1 / NIGHT

NO. OBS.: 10665

STATION NUMBER: 94240

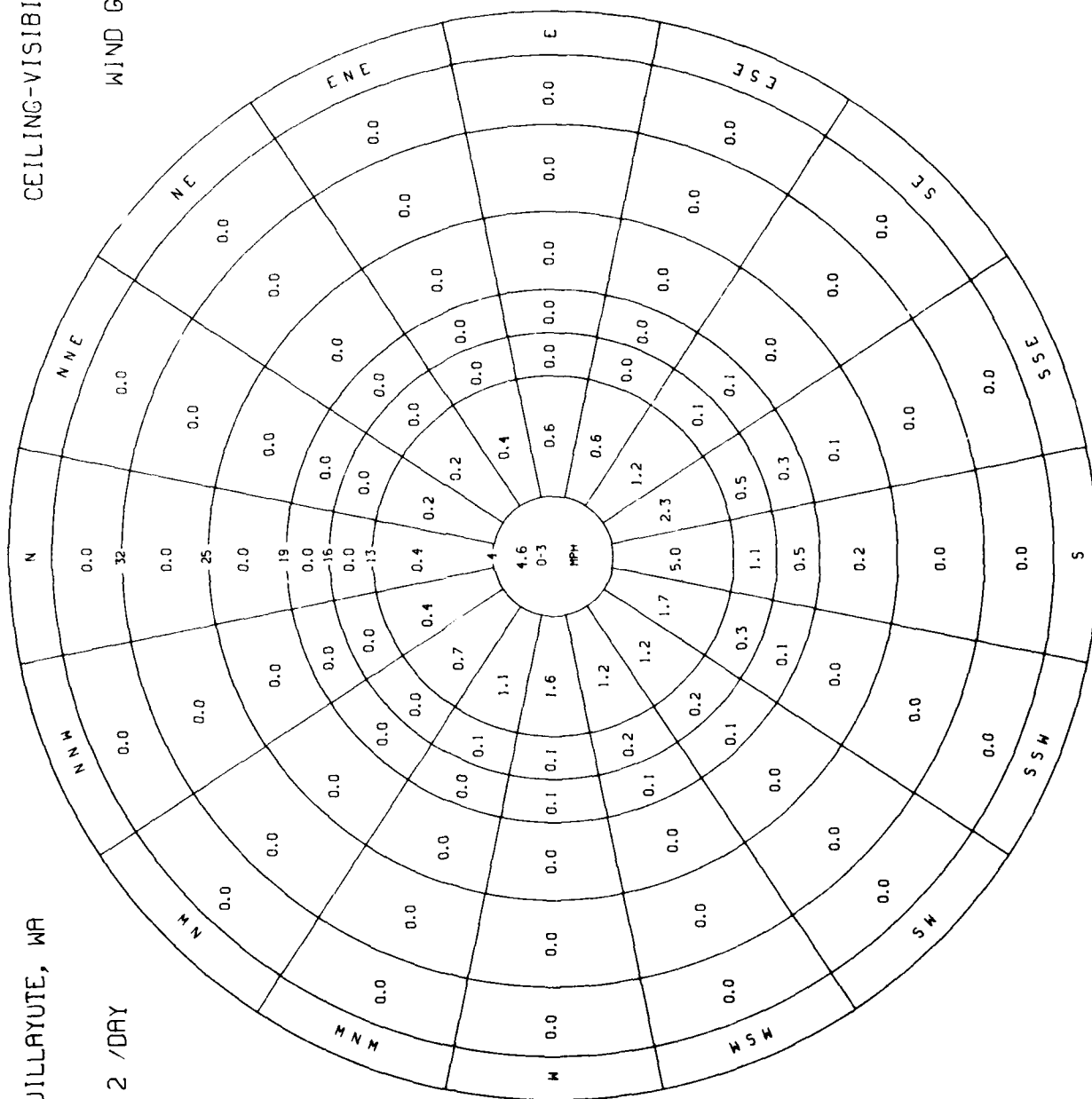
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	1.2	1.7	2.2	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4 4.9
NNE	1.2	1.7	2.5	3.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.8 5.5
NNE	1.7	2.4	4.4	6.4	.4	.6	.2	.3	.0	.1	.0	.0	.0	.0	6.7 9.6
ENE	1.9	2.7	6.1	8.7	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	8.1 11.7
E	2.1	3.0	5.5	7.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.7 11.0
ESE	.7	1.0	2.3	3.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.1 4.5
SE	.4	.6	2.3	3.3	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	3.1 4.5
SSE	.5	.7	2.1	3.0	.4	.5	.1	.2	.0	.1	.0	.0	.0	.0	2.9 4.2
S	.6	.9	1.9	2.8	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	1.2 1.7
SSW	.2	.3	.8	1.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.9 1.3
SW	.1	.1	.7	1.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.1 1.5
WSW	.2	.3	.7	1.0	.1	.2	.0	.1	.0	.0	.0	.0	.0	.0	2.3 3.3
W	.2	.3	1.6	2.3	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	2.1 3.0
WNW	.3	.5	1.5	2.1	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	1.6 2.3
NW	.4	.5	1.1	1.6	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.4 2.0
NNW	.4	.6	.9	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	17.0 24.5
CALM	17.0	24.5													69.5 100
TOTAL	29.2	42.0	36.7	52.8	2.4	3.5	.9	1.3	.3	.4	.0	.0	.0	.0	4.8

CEILING-VISIBILITY

WIND GRAPH

UIL OULLAYUTE, WA

CLASS 2 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: UIL QUILLAYUTE, WA

PERIOD: 1967-1978

CLASS 2 / DAY

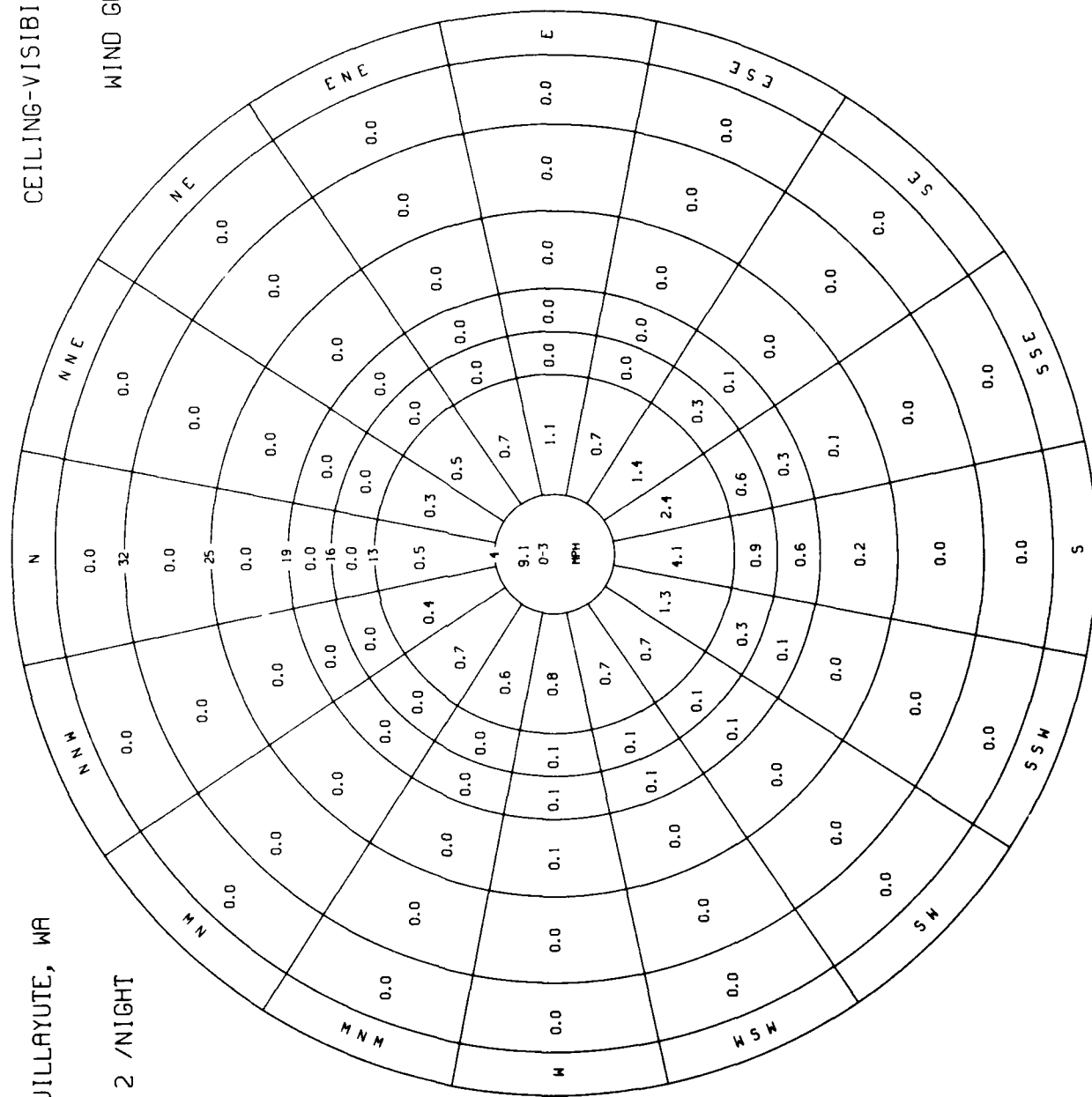
STATION NUMBER: 94240

NO. OBS.: 5536

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B				
N	.2	.6	.4	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.9	5.2
NNE	.1	.3	.2	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.1	5.6
NE	.1	.5	.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.4	5.9
ENE	.2	.7	.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.2	5.1
E	.3	1.0	.6	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.1	5.0
ESE	.2	.8	.6	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.1	6.2
SE	.2	.6	1.2	4.3	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	1.6	5.8	8.3
SSE	.2	.6	2.3	8.3	.5	1.9	.3	1.0	.1	.5	.0	.0	.0	.0	.0	3.4	12.3	10.2
S	.3	1.2	5.0	17.8	1.1	4.0	.5	1.7	.2	.8	.0	.0	.0	.0	.0	7.2	25.5	9.9
SSW	.1	.3	1.7	6.0	.3	1.1	.1	.4	.0	.1	.0	.0	.0	.0	.0	2.2	7.9	9.2
SW	.1	.2	1.2	4.4	.2	.8	.1	.3	.0	.1	.0	.0	.0	.0	.0	1.6	5.7	9.1
WSW	.1	.3	1.2	4.4	.2	.8	.1	.2	.0	.0	.0	.0	.0	.0	.0	1.6	5.6	8.7
W	.1	.5	1.6	5.6	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	2.0	7.0	8.5
WNW	.1	.4	1.1	3.8	.1	.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.3	4.7	7.9
NNW	.1	.3	.7	2.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	3.1	7.3
N	.1	.3	.4	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.9	6.2
CALM	2.2	7.8														2.2	7.8	
TOTAL	4.6	16.5	18.8	67.1	2.9	10.2	1.2	4.4	.5	1.7	.0	.1	.0	.0	.0	28.1	100	8.0

UIL QUILLAYUTE, WA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1967-1978

STATION NAME: UIL GUILLAYUTE, WA

CLASS 2 / NIGHT

NO. OBS.: 4678

STATION NUMBER: 94240

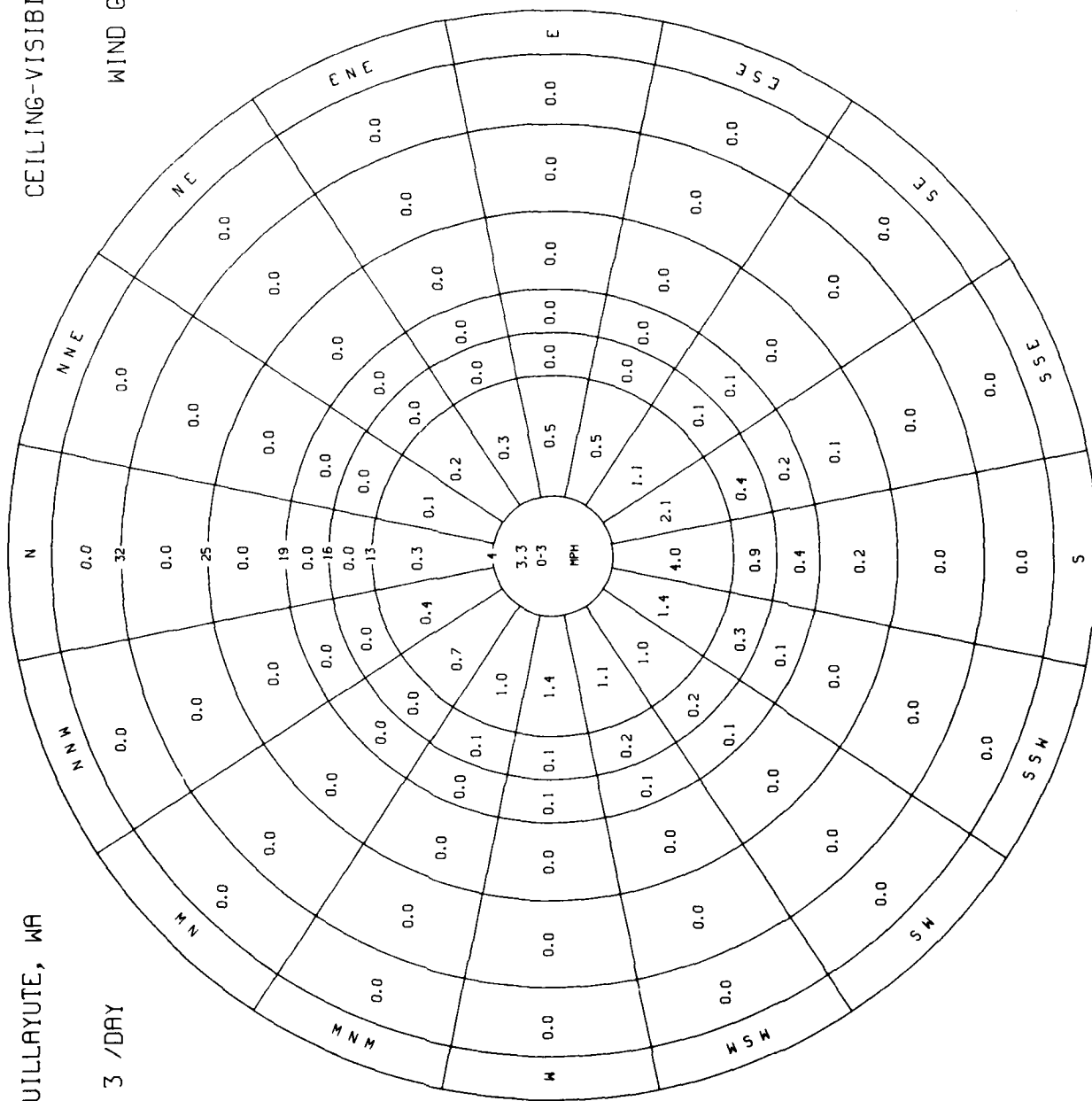
D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
															C		D
N	.3	1.0	.5	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.6	4.8
NNE	.2	.7	.3	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	1.8	4.9
NE	.3	1.0	.5	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.7	5.0
ENE	.3	1.0	.7	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.2	5.4
E	.5	1.6	1.1	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	5.0	5.0
ESE	.3	.9	.7	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.4	5.8
SE	.2	.7	1.4	4.6	.3	.9	.1	.3	.0	.1	.0	.0	.0	.0	2.0	6.5	8.3
SSE	.3	1.0	2.4	7.8	.6	2.0	.3	1.0	.1	.5	.0	.0	.0	.0	3.8	12.4	9.9
S	.4	1.4	4.1	13.4	.9	3.0	.6	1.8	.2	.7	.0	.0	.0	.0	6.2	20.2	9.8
SSW	.1	.5	1.3	4.4	.3	.9	.1	.4	.0	.1	.0	.0	.0	.0	1.9	6.3	9.3
SW	.1	.2	.7	2.4	.1	.4	.1	.3	.0	.1	.0	.0	.0	.0	1.0	3.4	9.2
WSW	.1	.3	.7	2.2	.1	.5	.1	.2	.0	.1	.0	.0	.0	.0	1.0	3.3	9.2
W	.2	.7	.8	2.5	.1	.4	.1	.2	.1	.2	.0	.0	.0	.0	1.2	4.1	8.2
WNW	.2	.7	.6	2.1	.0	.1	.0	.0	.0	.1	.0	.1	.0	.0	.9	3.0	7.2
NW	.2	.6	.7	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	2.9	5.9
NNW	.1	.3	.4	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	1.7	5.7
CALM	5.3	17.4													5.3	17.4	
TOTAL	9.1	29.9	16.9	55.4	2.6	8.4	1.3	4.3	.5	1.8	.1	.2	.0	.0	30.5	100	6.7

CEILING-VISIBILITY

WIND GRAPH

UIL QUILLAYUTE, WA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: UIL QUILLAYUTE, WA

PERIOD: 1967-1978

CLASS 3 / DAY

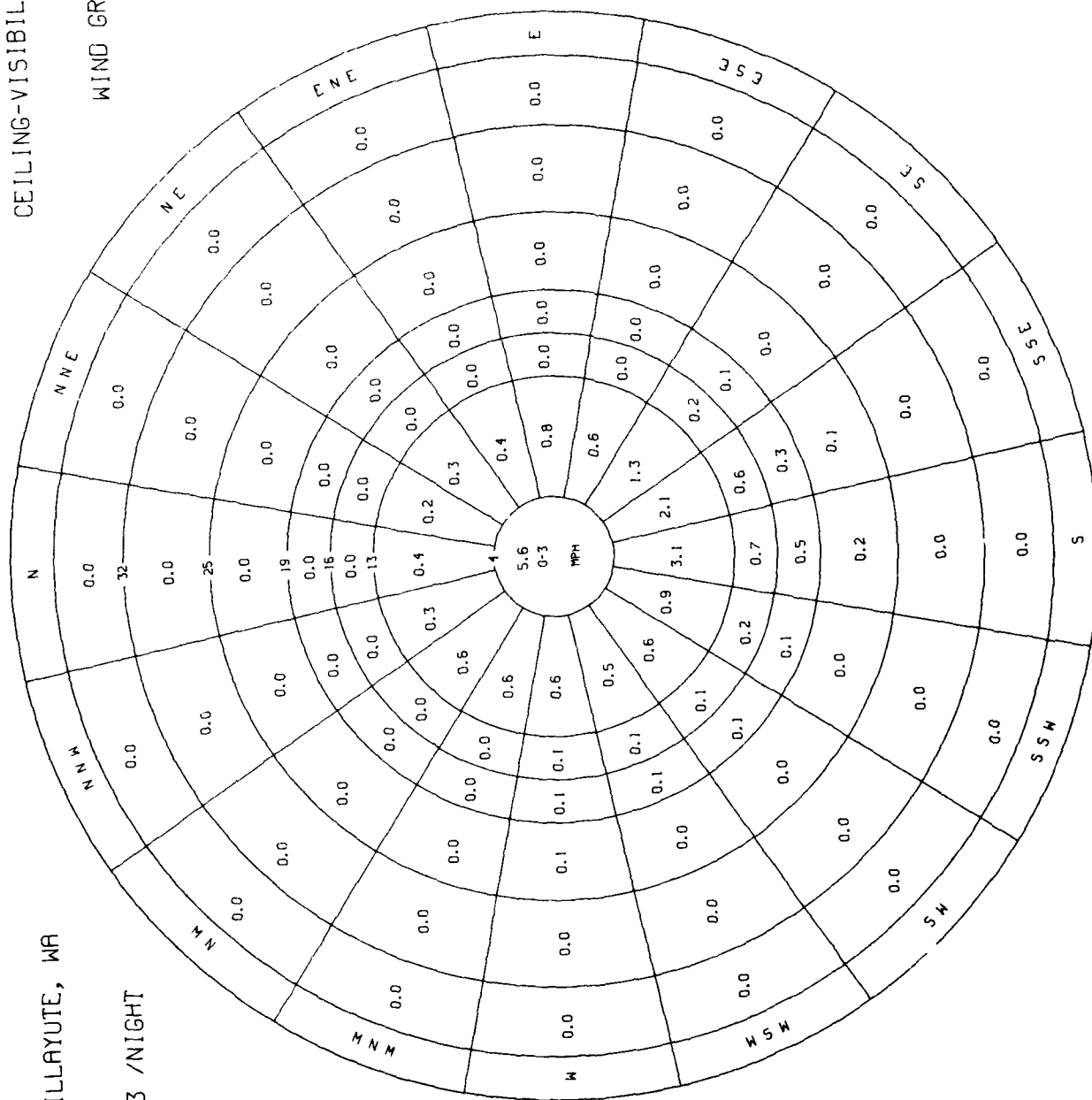
STATION NUMBER: 94240

NO. OBS.: 4604

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.5	.3	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.8	5.4
NNE	.1	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.9	6.1
NE	.1	.3	.2	.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.2	6.3
ENE	.1	.6	.3	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.9	5.4
E	.2	.7	.5	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.8	5.3
ESE	.2	.8	.5	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.3	6.4
SE	.2	.7	1.1	4.8	.1	.6	.1	.3	.0	.1	.0	.0	.0	.0	1.5	6.5	8.4
SSE	.1	.6	2.1	8.8	.4	1.9	.2	1.0	.1	.5	.0	.0	.0	.0	3.0	12.8	10.0
S	.3	1.1	4.0	17.1	.9	4.0	.4	1.5	.2	.8	.0	.0	.0	.0	5.8	24.7	9.9
SSW	.1	.3	1.4	6.1	.3	1.1	.1	.5	.0	.1	.0	.0	.0	.0	1.9	8.1	9.3
SW	.0	.2	1.0	4.4	.2	.7	.1	.3	.0	.1	.0	.0	.0	.0	1.3	5.7	9.2
WSW	.1	.3	1.1	4.6	.2	.8	.1	.2	.0	.0	.0	.0	.0	.0	1.4	5.9	8.7
W	.1	.5	1.4	6.1	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	1.8	7.5	8.7
WNW	.1	.5	1.0	4.3	.1	.3	.0	.2	.0	.0	.0	.0	.0	.0	1.3	5.4	8.0
NW	.1	.4	.7	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.4	7.3
NNW	.1	.2	.4	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	2.0	6.4
CALM	1.5	6.3													1.5	6.3	
TOTAL	3.3	14.1	16.2	69.2	2.4	10.4	1.0	4.5	.4	1.7	.0	.1	.0	.0	23.4	100	8.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: UIL QUILLAYUTE, WA

PERIOD: 1967-1978

CLASS 3 / NIGHT

STATION NUMBER: 94240

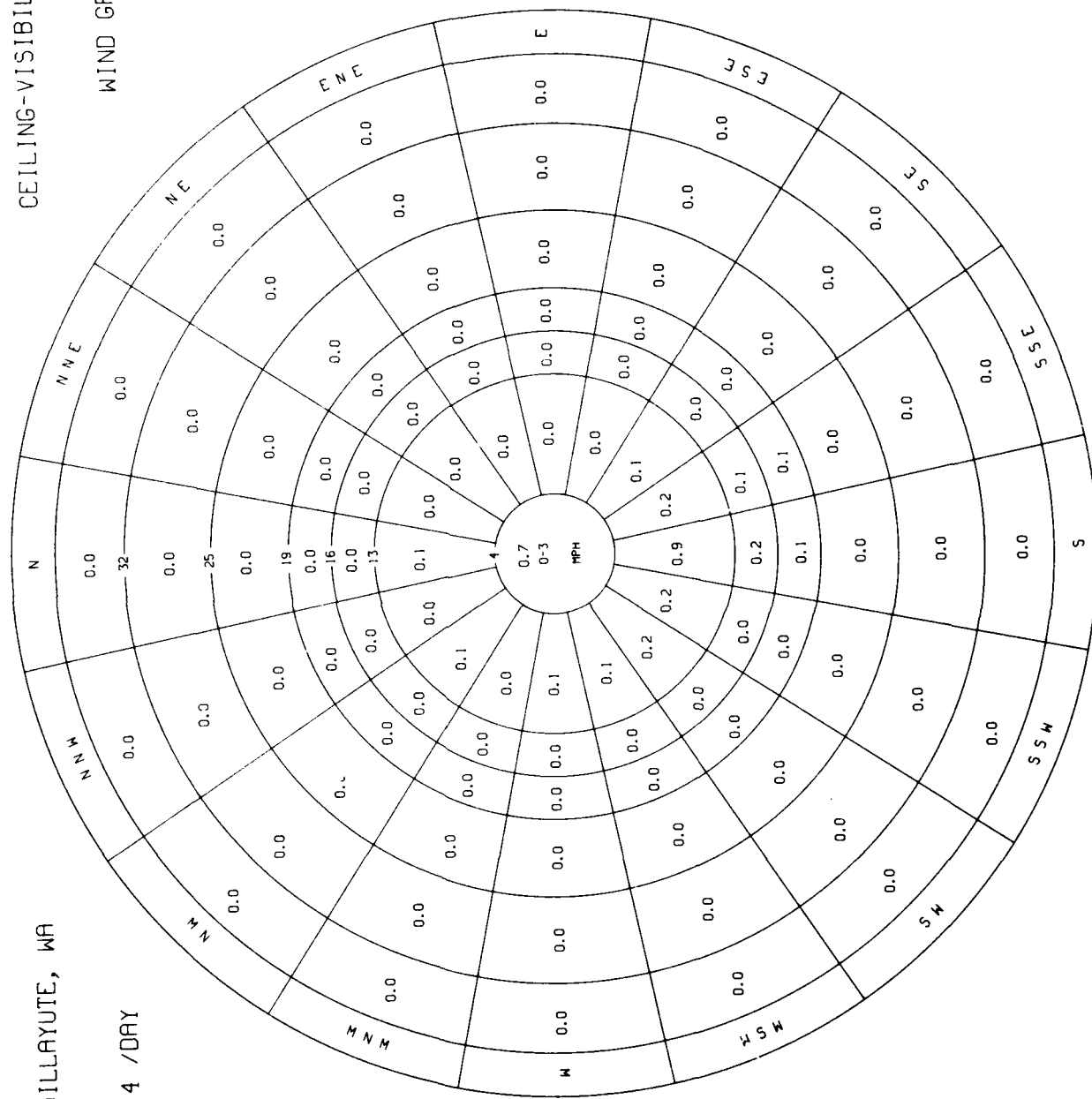
NO. OBS.: 3500

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.2	.7	.4	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.4	5.1
NNE	.1	.4	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.5	5.3
NE	.1	.6	.3	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.8	5.3
ENE	.2	.8	.4	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	2.7	5.3
E	.4	1.5	.8	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.1	5.0
ESE	.2	.9	.6	2.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.9	3.8	6.0
SE	.2	.7	1.3	5.5	.2	1.1	.1	.3	.0	.1	.0	.0	.0	.0	.0	1.8	7.7	8.5
SSE	.2	1.0	2.1	9.0	.6	2.5	.3	1.2	.1	.6	.0	.0	.0	.0	.0	3.3	14.3	10.1
S	.3	1.3	3.1	13.7	.7	3.3	.5	2.1	.2	.8	.0	.0	.0	.0	.0	4.8	21.2	10.1
SSW	.1	.4	.9	4.1	.2	.8	.1	.5	.0	.2	.0	.0	.0	.0	.0	1.4	6.0	9.6
SW	.0	.2	.6	2.4	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	.8	3.5	9.2
WSW	.0	.2	.5	2.1	.1	.5	.1	.3	.0	.1	.0	.0	.0	.0	.0	.7	3.2	10.0
W	.2	.7	.6	2.8	.1	.5	.1	.2	.1	.2	.0	.0	.0	.0	.0	1.0	4.5	8.3
WNW	.2	.7	.6	2.6	.0	.1	.0	.1	.0	.1	.0	.1	.0	.0	.0	.8	3.7	7.4
NW	.1	.6	.6	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	3.4	6.0
NNW	.0	.2	.3	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	1.7	6.1
CALM	3.1	13.5														3.1	13.5	
TOTAL	5.6	24.5	13.4	58.6	2.2	9.5	1.2	5.1	.5	2.1	.0	.2	.0	.0	.0	22.8	100	7.4

WIND GRAPH

UIL QUILLAYUTE, WA

CLASS 4 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1967-1978

STATION NAME: UIL QUILLAYUTE, WA

CLASS 4 / DAY

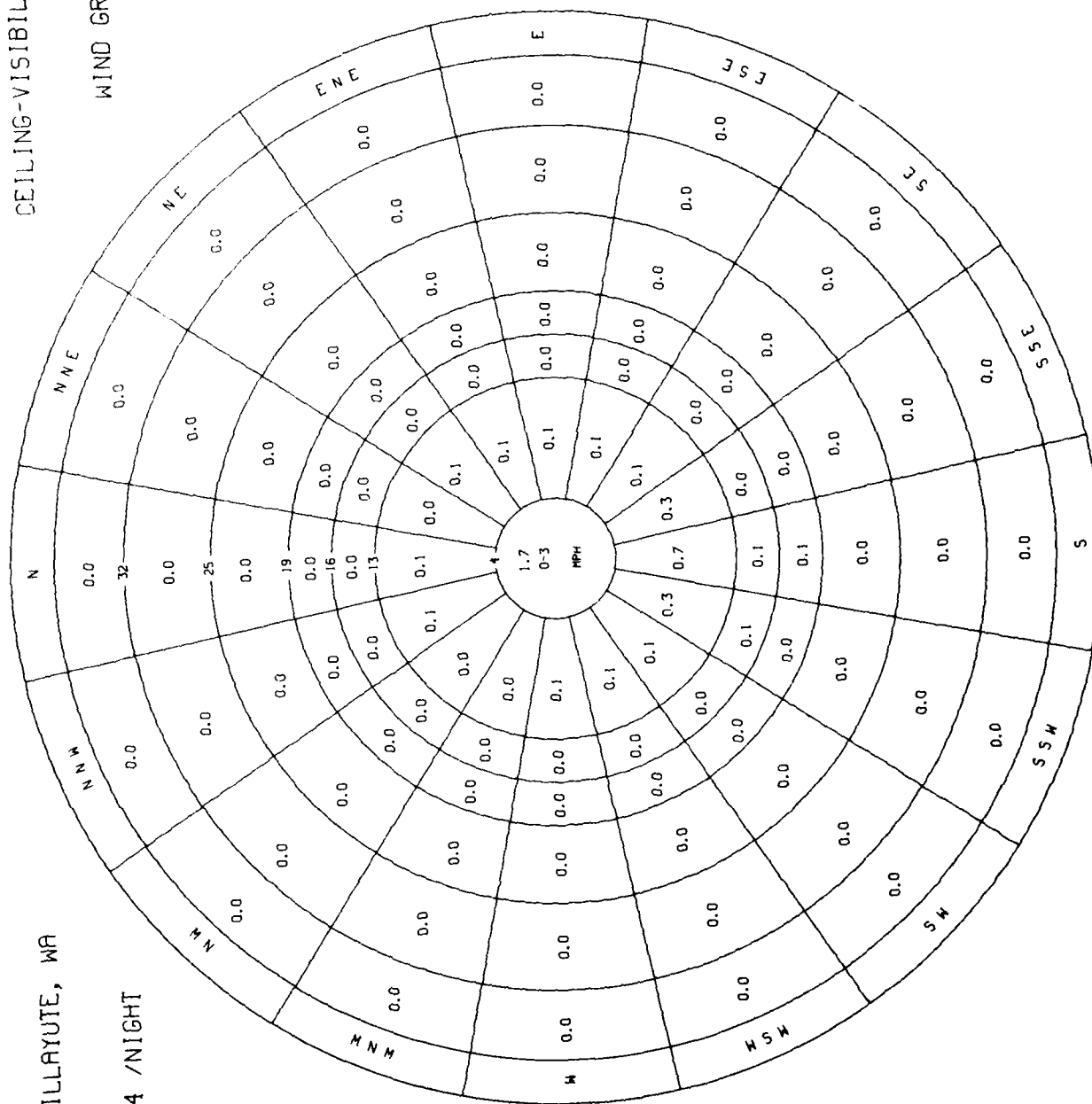
NO. OBS.: 688

STATION NUMBER: 94240

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	1.0	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.5	4.5
NNE	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	4.9
NE	.0	.7	.0	.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.7	6.1
ENE	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.0	4.4
E	.1	1.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.9	4.0
ESE	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	1.3	5.9
SE	.0	.3	.1	1.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	2.6	9.1
SSE	.0	.3	.2	6.1	.1	2.2	.1	1.7	.0	.9	.0	.0	.0	.0	.0	.4	11.2	11.8
S	.0	1.2	.9	24.7	.2	4.7	.1	3.1	.0	1.0	.0	.0	.0	.0	.0	1.2	34.6	10.0
SSW	.0	.3	.2	6.8	.0	1.2	.0	.0	.0	.3	.0	.0	.0	.0	.0	.3	8.6	9.0
SW	.0	.1	.2	5.1	.0	1.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	6.7	9.2
WSW	.0	.4	.1	3.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	4.5	8.5
W	.0	.1	.1	3.9	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.2	4.8	7.9
WNW	.0	.3	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	6.4
NW	.0	.0	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	7.6
NNW	.0	.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.5	5.1
CALM	.4	10.6														.4	10.6	
TOTAL	.7	20.1	2.1	61.0	.4	10.9	.2	5.7	.1	2.3	.0	.0	.0	.0	.0	3.5	100	8.0

WIND GRAPH

CLASS 4 /NIGHT



ANNUAL

PERIOD: 1967-1978

STATION NAME: VIL QUILLAYUTE, WA

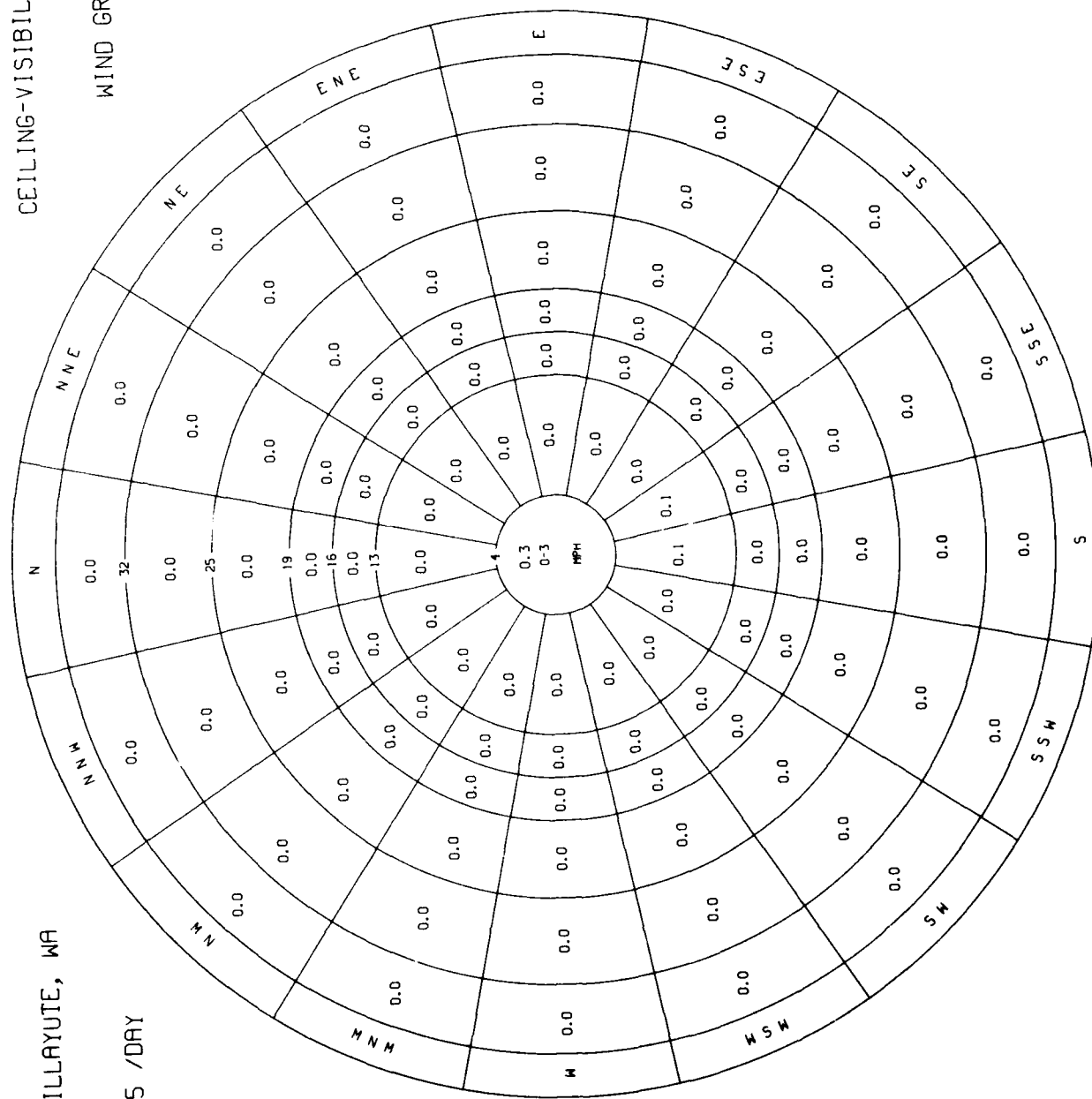
CLASS 4 / NIGHT

NO. OBS.: 719

STATION NUMBER: 94240

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
															C	D	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	1.7	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.3	4.4
NNE	.1	1.1	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	4.2
NE	.1	1.1	.1	1.8	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.1	5.4
ENE	.0	1.0	.1	2.9	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.2	4.2	6.8
E	.1	1.3	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.9	5.1
ESE	.0	.6	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	4.9
SE	.0	.7	.1	2.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.2	3.6	7.2
SSE	.1	1.4	.3	5.7	.0	1.0	.0	.7	.0	.3	.0	.0	.0	.0	.4	9.0	8.7
S	.1	1.4	.7	15.4	.1	3.1	.1	1.4	.0	.6	.0	.1	.0	.0	1.0	22.0	9.3
SSW	.0	.6	.3	6.7	.1	1.8	.0	.3	.0	.0	.0	.0	.0	.0	.4	9.3	9.1
SW	.0	.1	.1	2.4	.0	.4	.0	.6	.0	.0	.0	.1	.0	.0	.2	3.6	10.4
WSW	.0	1.0	.1	2.9	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.2	4.6	7.8
W	.0	.6	.1	1.9	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.1	8.6
WNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	7.0
NW	.0	.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.3	5.3
NNW	.0	.6	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.9	4.8
CALM	1.1	22.8													1.1	22.8	
TOTAL	1.7	36.0	2.4	51.6	.4	7.5	.2	3.5	.1	1.1	.0	.3	.0	.0	4.7	100	6.1

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1967-1978

STATION NAME: UIL QUILLAYUTE, WA

CLASS 5 / DAY

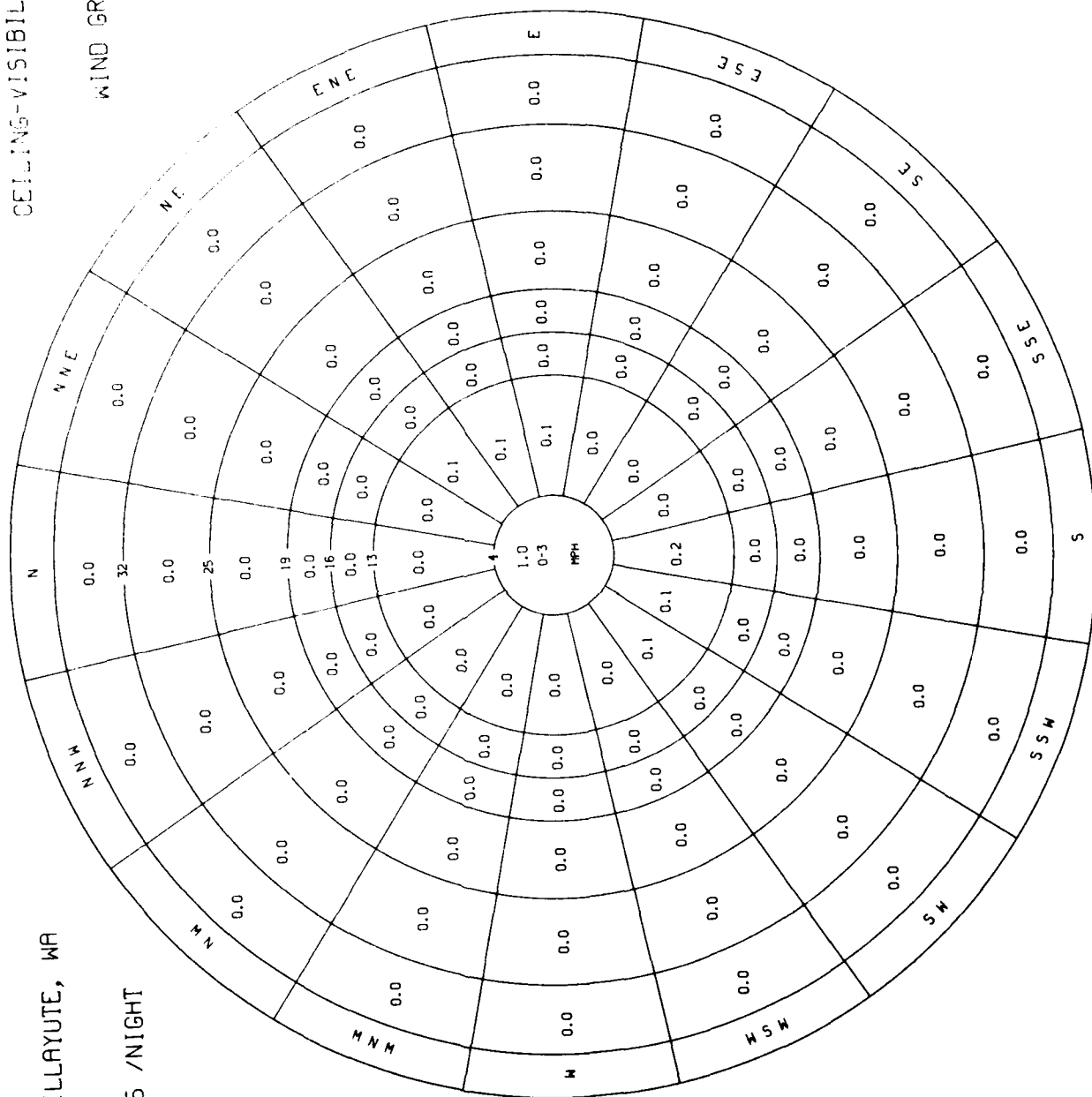
NO. OBS.: 152

STATION NUMBER: 94240

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
NNE	.0	2.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
NNE	.0	3.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
ENE	.0	1.3	.0	5.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.6
E	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
ESE	.0	.7	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
SE	.0	.7	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
SSE	.0	.0	.1	6.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.2
S	.0	1.3	.1	13.2	.0	3.3	.0	.7	.0	.0	.0	.0	.0	.0	.1 18.4
SSW	.0	.7	.0	1.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
SW	.0	.7	.0	3.9	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.3
WSW	.0	.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
W	.0	.7	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.9
WNW	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
NW	.0	.0	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
NNW	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
CALM	.2	27.6													.2 27.6
TOTAL	.3	43.4	.4	50.7	.0	5.3	.0	.7	.0	.0	.0	.0	.0	.0	.8 100

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1967-1978

STATION NAME: UTL QUILLAYUTE, WA

CLASS 5 / NIGHT

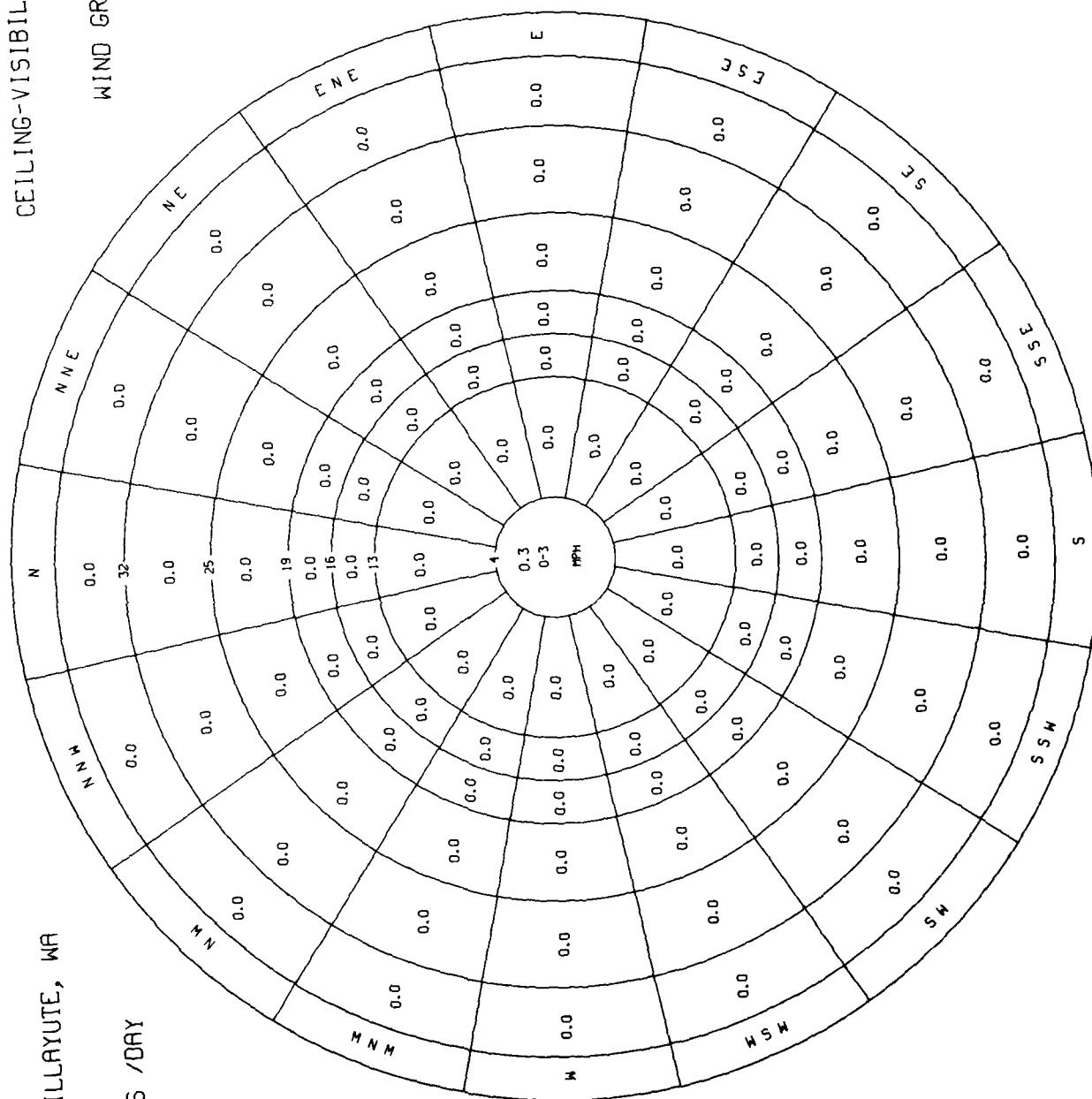
NO. OBS.: 271

STATION NUMBER: 94240

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	3.4
NNE	.0	1.1	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6	5.0
N	.1	3.0	.1	3.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	4.7
ENE	.0	2.2	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	4.3
E	.0	2.2	.1	4.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.0	5.0
ESE	.0	1.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	3.7
SE	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	6.0
SSE	.0	1.1	.0	2.6	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	6.8
S	.1	3.3	.2	8.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.2	12.5	6.1
SSW	.0	.4	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.7	6.9
SW	.0	.0	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	6.0
WSW	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	5.4
W	.0	.7	.0	2.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.3	6.7
WNW	.0	.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.3
NW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.0
NNW	.0	1.1	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.0
CALM	.6	36.2													.6	36.2	
TOTAL	1.0	58.7	.7	39.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	1.8	100	3.4

UIL OUILLAYUTE, WA

CLASS 6 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: UIL OUILLYUTE, WA

PERIOD: 1967-1978

CLASS 6 / DAY

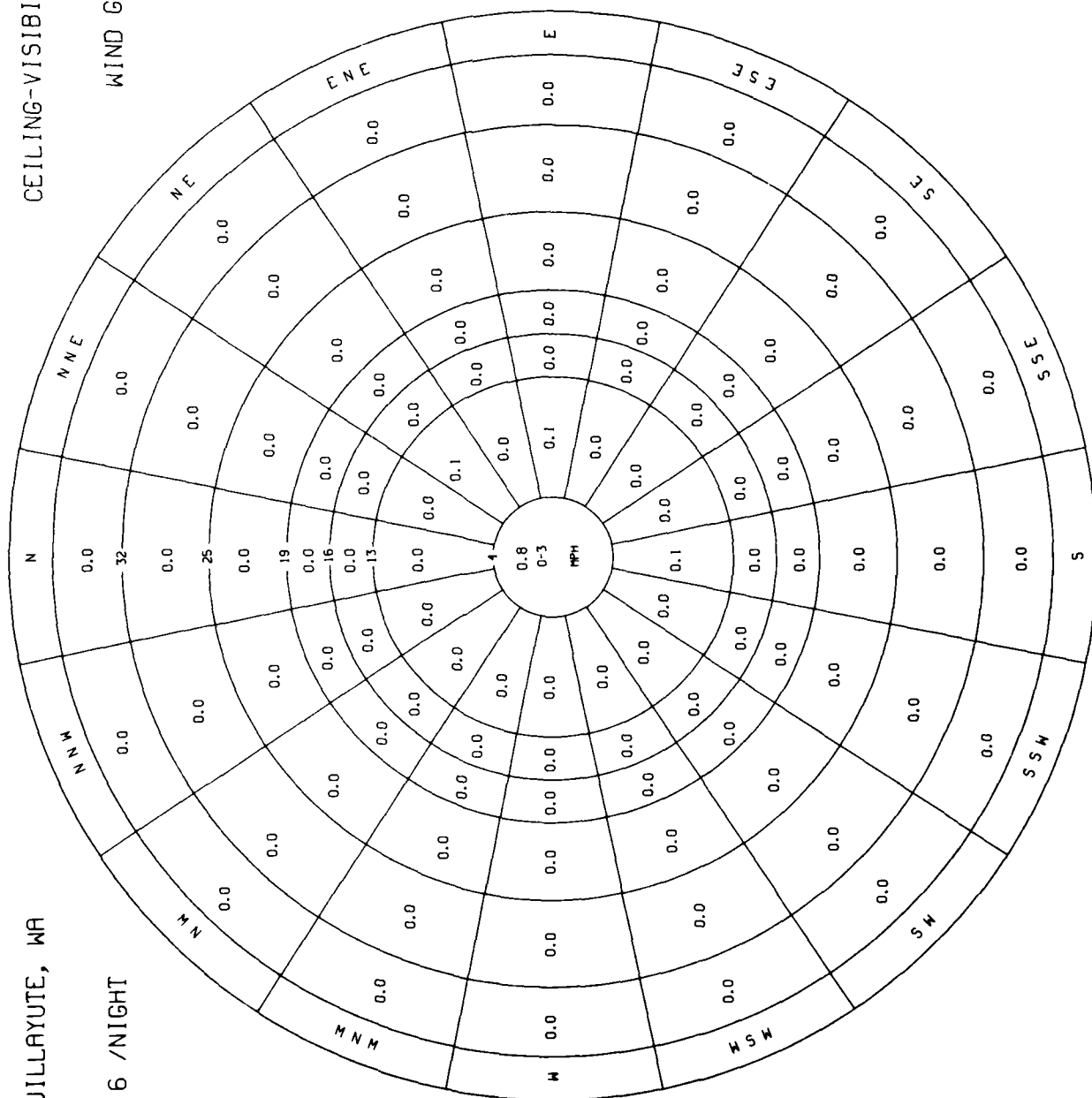
STATION NUMBER: 94240

NO. OBS.: 92

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.2	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
NNE	.0	1.1	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
NE	.0	2.2	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
ENE	.0	6.5	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
E	.0	8.7	.0	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0
ESE	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
SE	.0	.0	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
SSE	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
S	.0	3.3	.0	9.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.5
SSW	.0	1.1	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.2
SW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.0
WSW	.0	.0	.0	1.1	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	9.0
W	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
WNW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NW	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NNW	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
CALM	.1	30.4													1 30.4
TOTAL	.3	63.0	.2	35.9	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	3.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1967-1978

STATION NAME: UIL QUILLAYUTE, WA

CLASS 6 / NIGHT

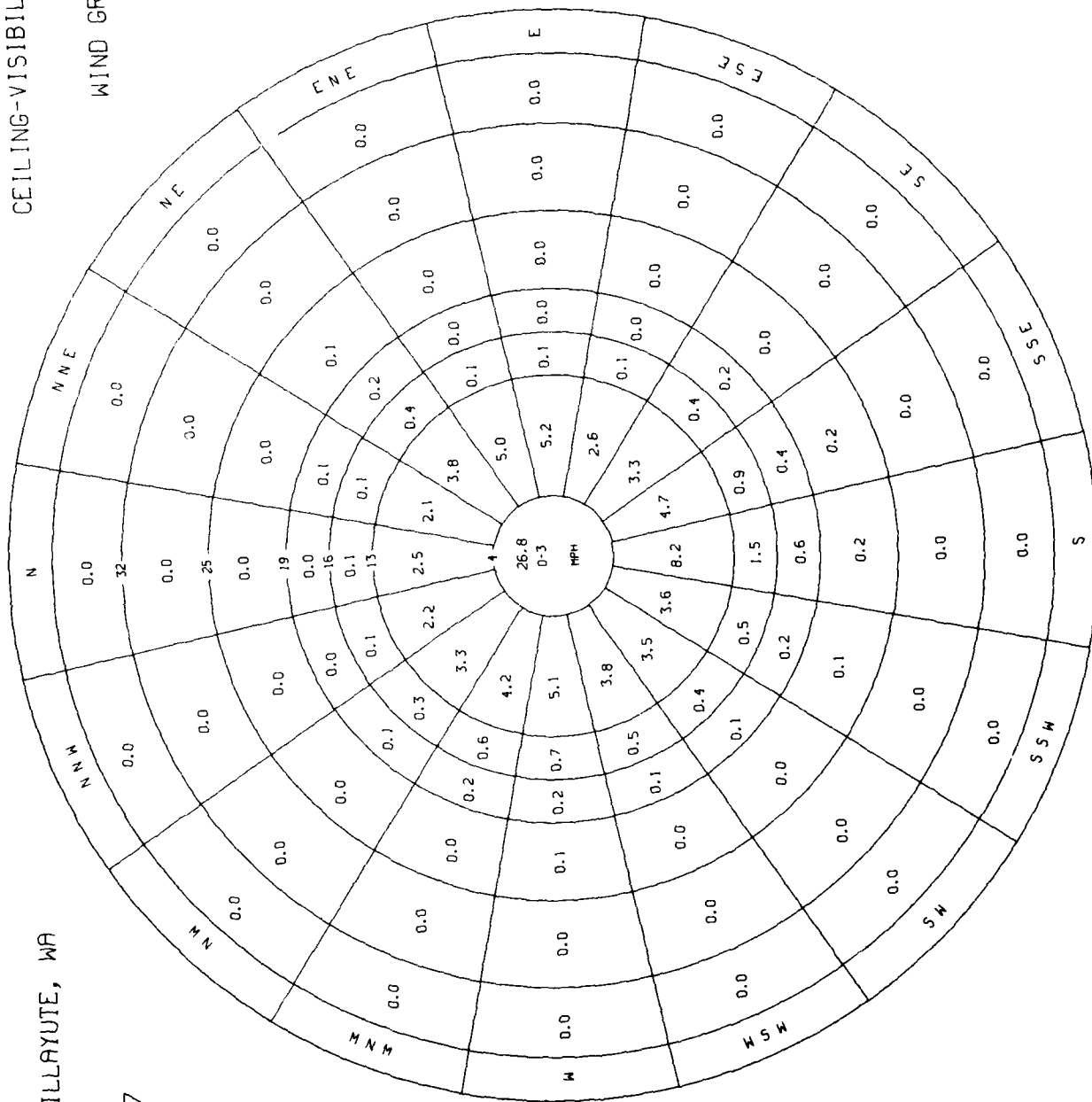
NO. OBS.: 188

STATION NUMBER: 94240

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	1.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.5
NNE	.0	3.2	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.2
NE	.1	5.9	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.1	3.9
ENE	.0	3.2	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	3.8
E	.0	2.1	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	4.6
ESE	.0	1.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.6
SE	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.0
SSE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.4	6.3
S	.0	.5	.1	5.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.3	5.2
SSW	.0	2.1	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.5
SW	.0	.5	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	7.3
WSW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	4.3
W	.0	1.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	3.0
WNW	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	5.0
NW	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	5.0
NNW	.0	.0	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	42.6	
CALM	.5	42.6														1.2	100	2.7
TOTAL	.8	67.0	.4	32.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0			

WIND GRAPH

CLASS 7

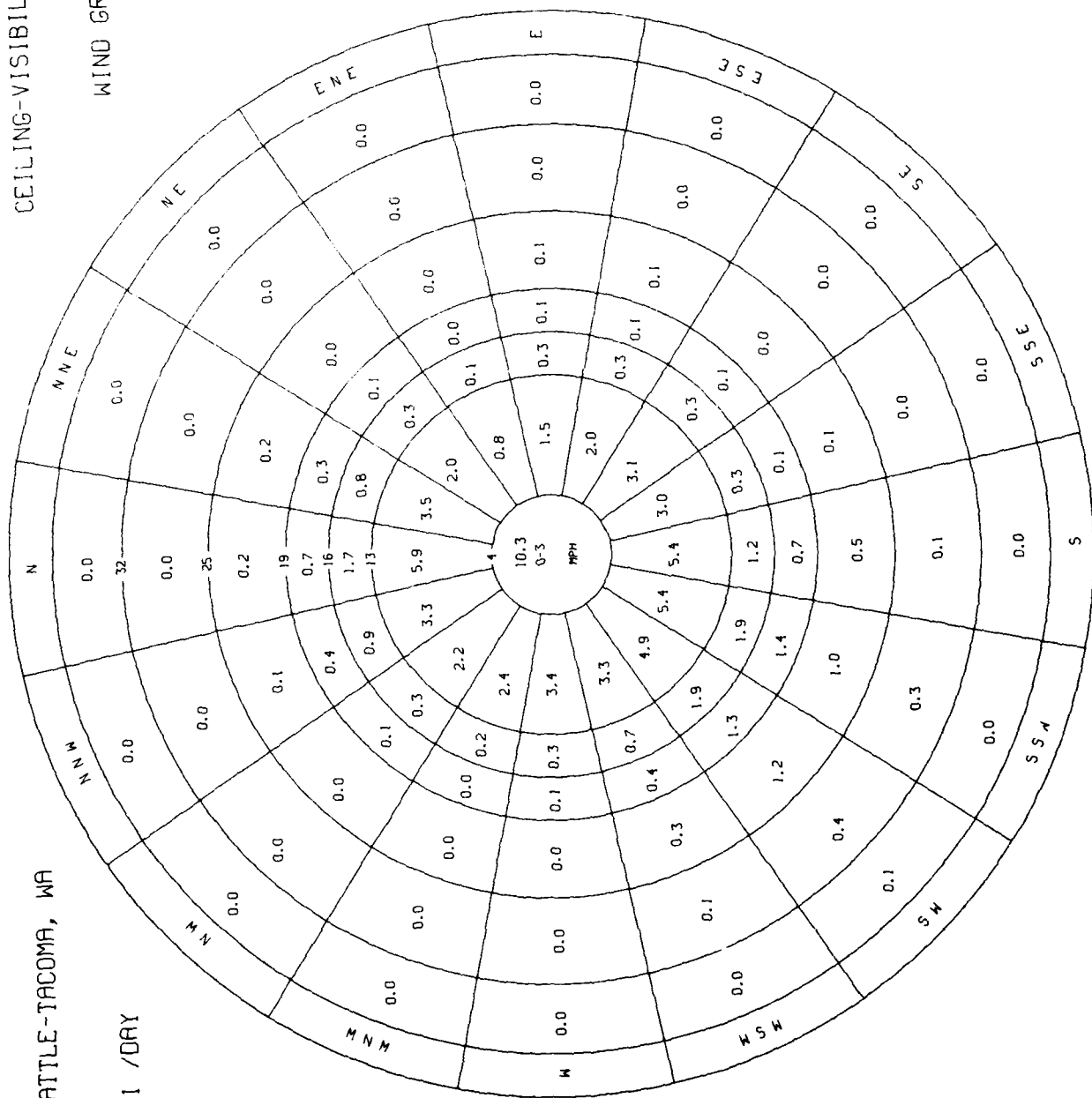


CEILING-VISIBILITY

WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 1 / DAY

STATION NUMBER: 24233

NO. OBS.: 43112

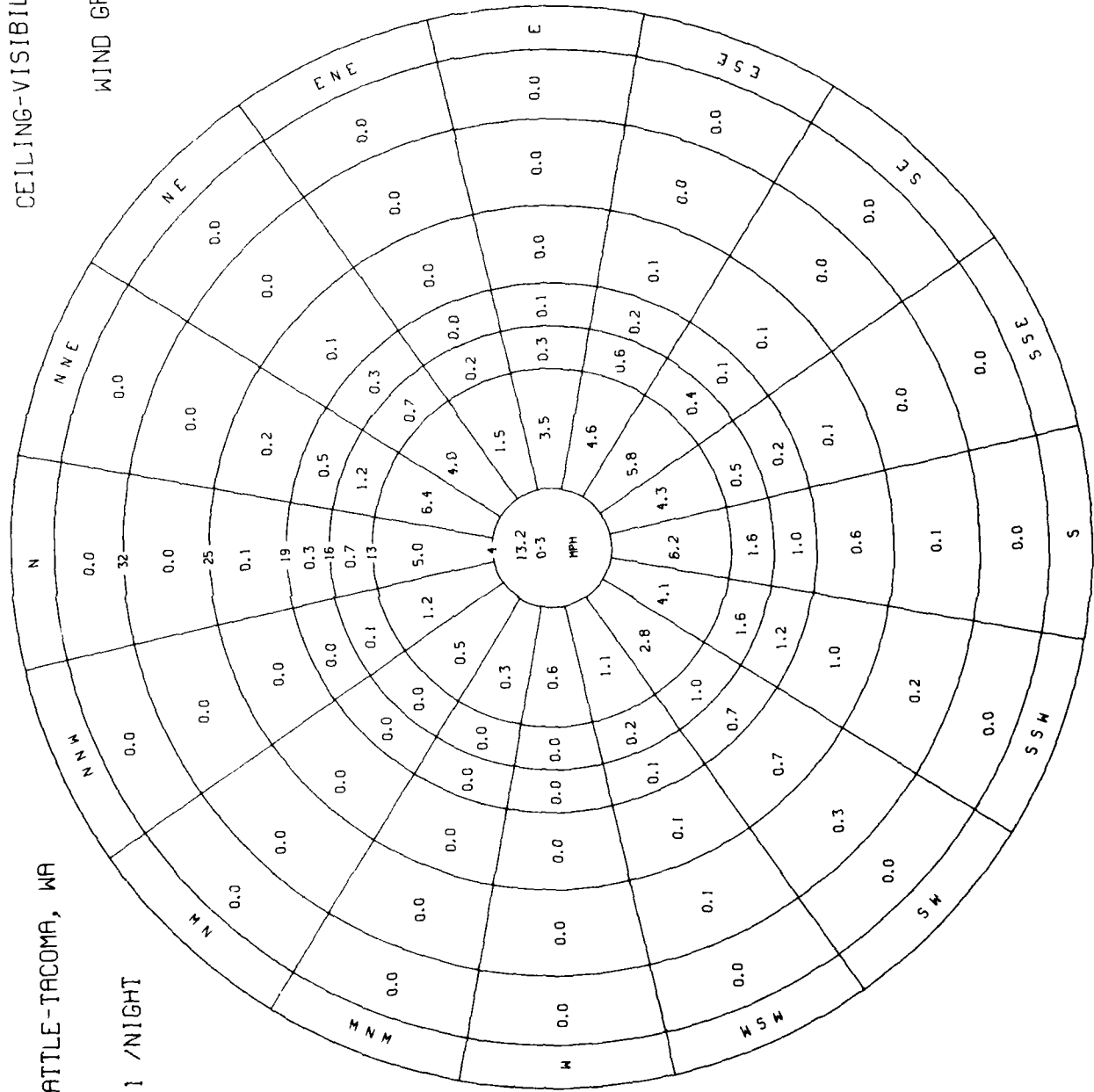
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.4	.5	5.9	7.0	1.7	2.0	.7	.9	.2	.3	.0	.0	.0	.0	.0	9.0	10.7	10.5
NNE	.3	.4	3.5	4.2	.8	.9	.3	.4	.2	.2	.0	.0	.0	.0	.0	5.2	6.1	9.8
NE	.3	.4	2.0	2.4	.3	.4	.1	.1	.0	.1	.0	.0	.0	.0	.0	2.8	3.3	8.5
ENE	.3	.3	.8	1.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	1.5	7.3
E	.4	.5	1.5	1.8	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.4	2.8	8.4
ESE	.4	.5	2.0	2.4	.3	.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	2.8	3.3	8.4
SE	.5	.6	3.1	3.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.0	4.7	7.9
SSE	.4	.4	3.0	3.5	.3	.3	.1	.2	.1	.1	.0	.0	.0	.0	.0	3.8	4.5	8.3
S	.5	.6	5.4	6.4	1.2	1.4	.7	.9	.5	.5	.1	.1	.0	.0	.0	8.4	9.9	10.5
SSW	.5	.5	5.4	6.4	1.9	2.2	1.4	1.6	1.0	1.2	.3	.3	.0	.0	.0	10.4	12.3	12.2
SW	.4	.5	4.9	5.7	1.9	2.2	1.3	1.5	1.2	1.4	.4	.5	.1	.1	.1	10.0	11.8	12.9
WSW	.4	.5	3.3	3.9	.7	.9	.4	.5	.3	.3	.1	.1	.0	.0	.0	5.2	6.1	10.4
W	.4	.5	3.4	4.1	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	4.3	5.1	7.9
WNW	.3	.4	2.4	2.8	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4	7.7
NW	.2	.3	2.2	2.6	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	2.8	3.3	8.4
NNW	.3	.3	3.3	4.0	.9	1.0	.4	.5	.1	.2	.0	.0	.0	.0	.0	5.0	6.0	10.2
CALM	4.3	5.1														4.3	5.1	
TOTAL	10.3	12.2	52.2	61.7	11.2	13.3	6.0	7.1	3.7	4.4	1.0	1.1	.1	.1	.1	84.6	100	9.6

CEILING-VISIBILITY

WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 1 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 1 / NIGHT

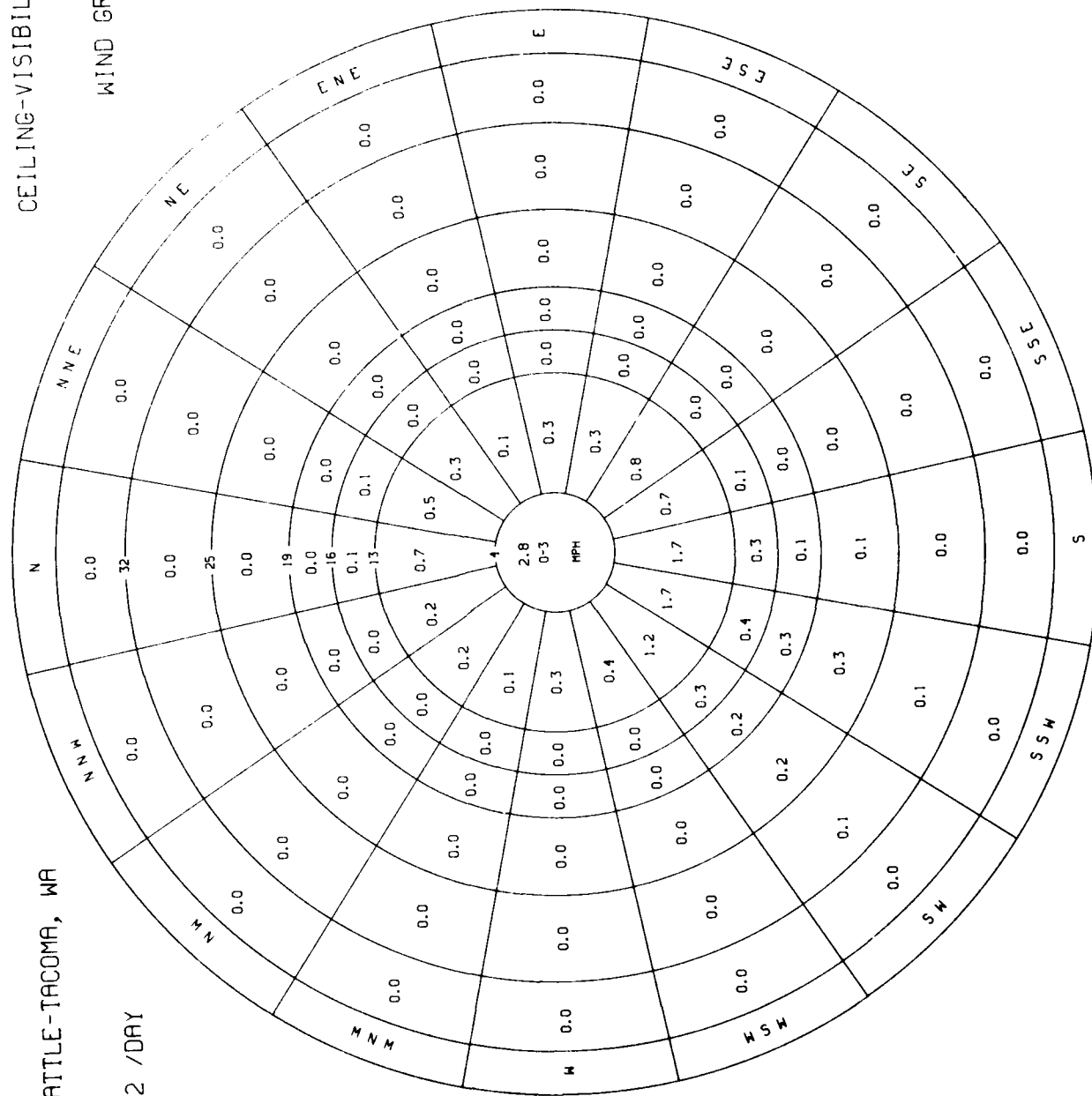
STATION NUMBER: 24233

NO. OBS.: 32941

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.6	.8	5.0	6.0	.7	.9	.3	.3	.1	.1	.0	.0	.0	.0	6.7	8.1	8.8
NNE	.6	.7	6.4	7.6	1.2	1.5	.5	.6	.2	.2	.0	.0	.0	.0	8.8	10.6	9.5
NE	.6	.8	4.0	4.8	.7	.9	.3	.3	.1	.1	.0	.0	.0	.0	5.7	6.9	8.8
ENE	.4	.5	1.5	1.8	.2	.3	.0	.1	.0	.0	.0	.0	.0	.0	2.2	2.7	7.5
E	.8	1.0	3.5	4.2	.3	.4	.1	.2	.0	.0	.0	.0	.0	.0	4.8	5.8	7.6
ESE	.9	1.0	4.6	5.5	.6	.7	.2	.3	.1	.1	.0	.0	.0	.0	6.4	7.7	8.2
SE	.7	.8	5.8	7.0	.4	.5	.1	.2	.1	.1	.0	.0	.0	.0	7.1	8.6	8.0
SSE	.5	.6	4.3	5.2	.5	.6	.2	.2	.1	.1	.0	.0	.0	.0	5.6	6.8	8.5
S	.5	.6	6.2	7.5	1.6	1.9	1.0	1.2	.6	.7	.1	.1	.0	.0	10.0	12.0	11.0
SSW	.4	.5	4.1	4.9	1.6	2.0	1.2	1.5	1.0	1.2	.2	.3	.0	.0	8.6	10.4	12.7
SW	.4	.4	2.8	3.4	1.0	1.2	.7	.8	.7	.8	.3	.3	.0	.0	5.8	7.0	12.7
WSW	.3	.3	1.1	1.4	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	1.9	2.3	9.7
W	.3	.4	.6	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.2	6.3
WNW	.2	.2	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	.6	5.2
NW	.2	.2	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	6.0
NNW	.3	.3	1.2	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6	1.9	6.9
CALM	5.6	6.7													5.6	6.7	
TOTAL	13.2	15.9	51.9	62.4	9.4	11.2	4.8	5.8	3.0	3.6	.8	.9	.1	.1	83.2	100	8.9

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 2 / DAY

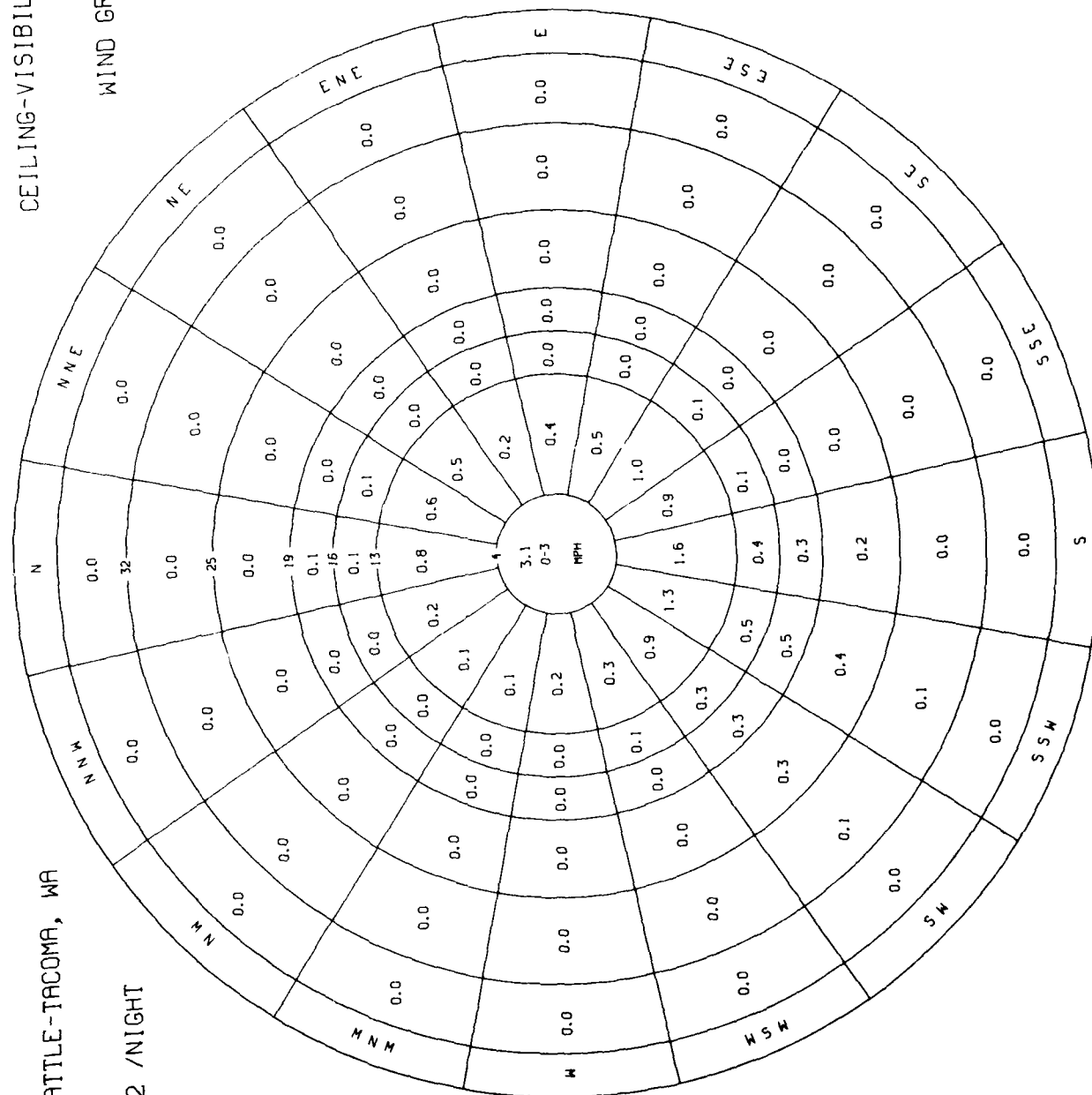
STATION NUMBER: 24233

NO. OBS.: 7840

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.1	.7	.7	4.3	.1	.5	.0	.2	.0	.1	.0	.1	.0	.0	.9	5.9	8.5
NNE	.1	.5	.5	3.2	.1	.4	.0	.2	.0	.1	.0	.1	.0	.0	.7	4.4	8.6
NE	.1	.4	.3	2.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.5	2.9	7.2
ENE	.1	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	6.2
E	.1	.6	.3	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.3	6.0
ESE	.1	.6	.3	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0	6.9
SE	.1	.8	.8	5.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.0	6.5	7.1
SSE	.1	.7	.7	4.6	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.9	5.8	7.8
S	.2	1.1	1.7	10.9	.3	1.7	.1	.9	.1	.6	.0	.1	.0	.0	2.4	15.3	9.7
SSW	.2	1.0	1.7	10.9	.4	2.5	.3	2.0	.3	1.8	.1	.5	.0	.1	2.9	18.8	11.6
SW	.2	1.0	1.2	8.0	.3	2.0	.2	1.0	.2	1.4	.1	.6	.0	.1	2.2	14.1	11.7
WSW	.1	.5	.4	2.8	.0	.3	.0	.2	.0	.1	.0	.1	.0	.0	.6	4.0	8.7
W	.1	.6	.3	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4	2.6	6.3
WNW	.1	.5	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.5	5.8
NW	.1	.4	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.6	6.0
NNW	.1	.4	.2	1.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3	2.0	6.8
CALM	1.2	7.7													1.2	7.7	
TOTAL	2.8	18.0	9.6	62.5	1.3	8.6	.8	5.1	.7	4.3	.2	1.4	.0	.1	15.4	100	8.6

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SEA SEATTLE-TACOMA, WA

CLASS 2 / NIGHT

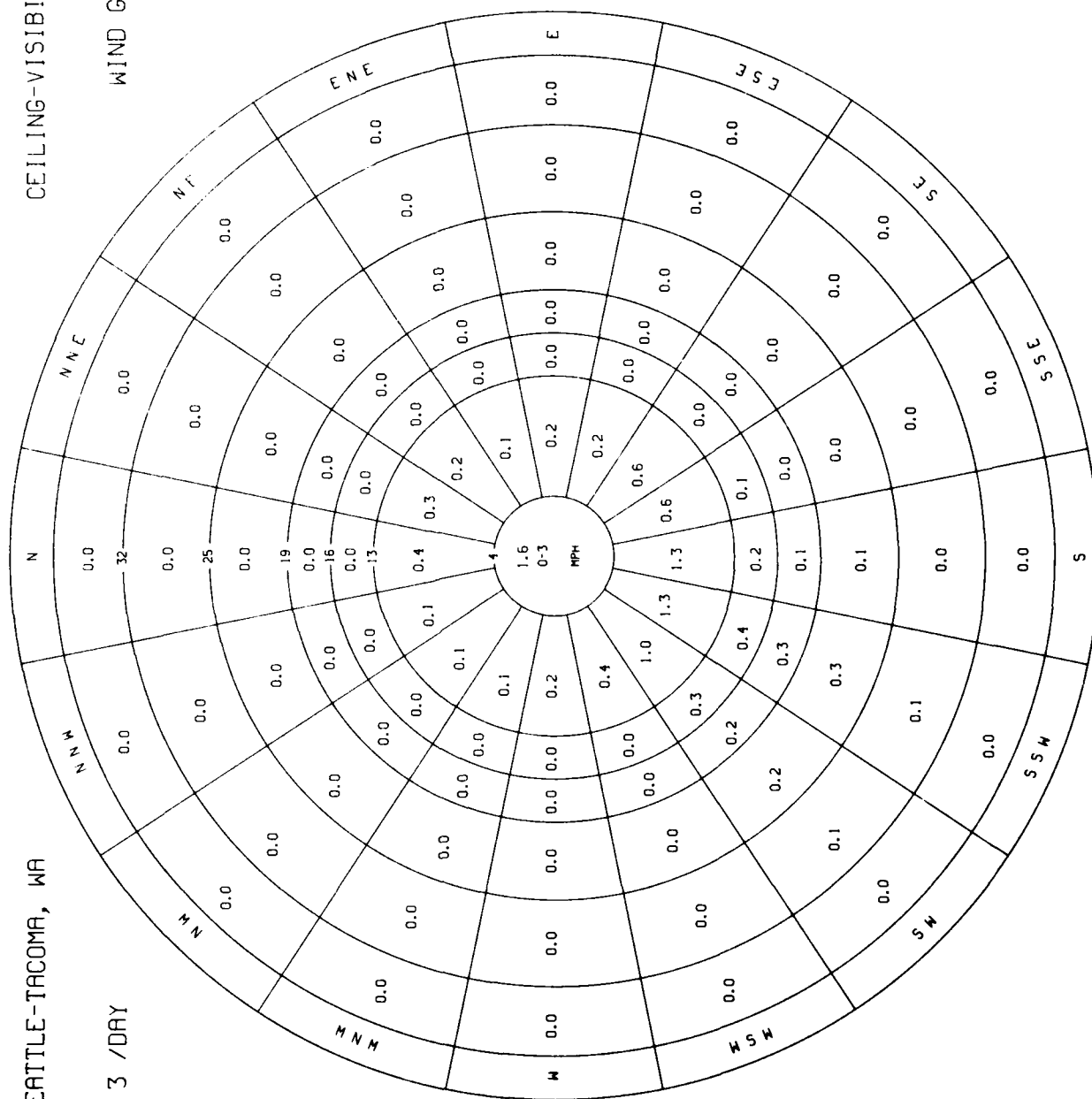
NO. OBS.: 6657

STATION NUMBER: 24233

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.1	.8	.8	4.7	.1	.8	.1	.3	.0	.2	.0	.1	.0	.0	1.1	6.7	8.9
NNE	.1	.8	.6	3.6	.1	.6	.0	.2	.0	.1	.0	.0	.0	.0	.9	5.4	8.3
NE	.1	.5	.5	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6	3.4	6.7
ENE	.1	.7	.2	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.9	5.4
E	.1	.9	.4	2.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.5	3.2	6.2
ESE	.1	.8	.5	3.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.7	4.3	7.0
SE	.2	.9	1.0	5.9	.1	.3	.0	.1	.0	.0	.0	.0	.0	.0	1.2	7.2	7.5
SSE	.1	.8	.9	5.3	.1	.4	.0	.1	.0	.1	.0	.0	.0	.0	1.1	6.6	7.9
S	.1	.7	1.6	9.3	.4	2.4	.3	1.7	.2	1.1	.0	.1	.0	.0	2.6	15.3	10.9
SSW	.1	.7	1.3	7.5	.5	3.2	.5	3.2	.4	2.5	.1	.6	.0	.0	3.0	17.7	13.6
SW	.1	.4	.9	5.2	.3	2.0	.3	2.0	.3	1.7	.1	.6	.0	.1	2.0	12.0	13.7
WSW	.1	.4	.3	1.6	.1	.5	.0	.3	.0	.2	.0	.1	.0	.0	.5	3.0	10.6
W	.0	.3	.2	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.3	6.7
WNW	.0	.2	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.7	5.4
NW	.0	.2	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	5.8
NNW	.0	.3	.2	1.0	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.3	1.5	7.7
CALM	1.5	9.0													1.5	9.0	
TOTAL	3.1	18.3	9.3	55.3	1.8	10.7	1.4	8.2	1.0	6.0	.2	1.4	.0	.2	16.8	100	9.3

SEA SEATTLE-TACOMA, WA

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SEA SEATTLE-TACOMA, WA

CLASS 3 / DAY

NO. OBS.: 5817

STATION NUMBER: 24233

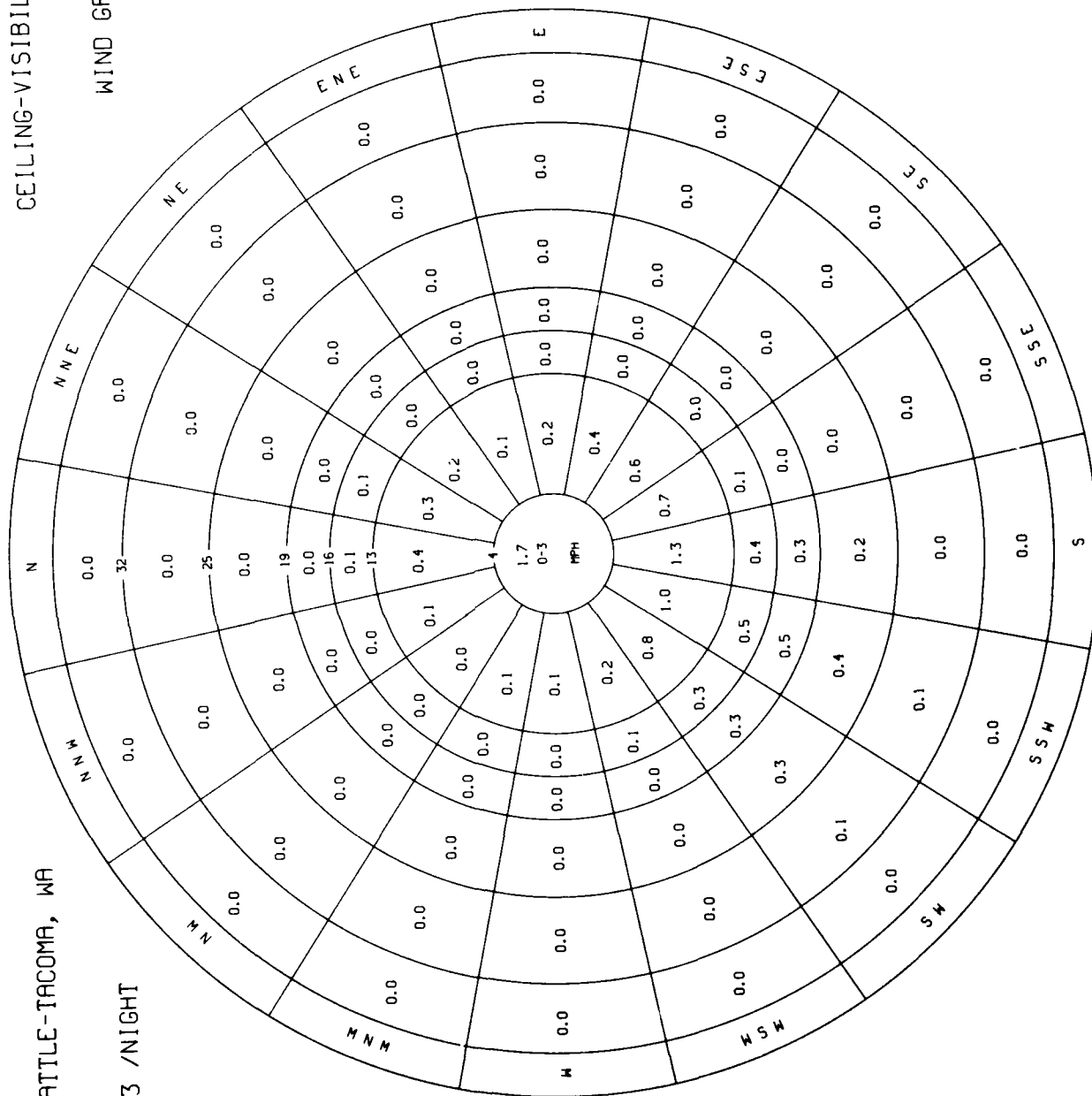
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.6	.4	3.3	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.5 4.7 8.7
NNE	.0	.4	.3	2.4	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.4 3.4 8.9
NE	.0	.3	.2	1.6	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 2.1 7.4
ENE	.0	.3	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2 6.5
E	.0	.4	.2	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.9 6.2
ESE	.0	.4	.2	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.7 7.4
SE	.1	.6	.6	5.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.7 6.3 7.4
SSE	.1	.6	.6	4.9	.1	.4	.0	.1	.0	.0	.0	.0	.0	.0	.7 6.2 8.0
S	.1	1.0	1.3	11.8	.2	2.1	.1	1.2	.1	.9	.0	.1	.0	.0	1.9 17.1 10.2
SSW	.1	.9	1.3	11.5	.4	3.1	.3	2.7	.3	2.4	.1	.7	.0	.1	2.4 21.4 12.3
SW	.1	.8	1.0	8.6	.3	2.5	.2	1.4	.2	1.8	.1	.8	.0	.1	1.8 15.9 12.4
WSW	.1	.4	.4	3.1	.0	.4	.0	.3	.0	.2	.0	.1	.0	.0	.5 4.5 9.3
W	.1	.6	.2	1.9	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 2.6 6.6
WNW	.0	.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.4 6.2
NW	.0	.4	.1	1.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.5 6.3
NNW	.0	.3	.1	1.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.2 1.8 7.2
CALM	.6	5.5													.6 5.5
TOTAL	1.6	13.9	7.1	62.0	1.2	10.2	.7	6.5	.6	5.5	.2	1.8	.0	.2	11.4 100 9.5

CEILING-VISIBILITY

WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SEA SEATTLE-TACOMA, WA

CLASS 3 / NIGHT

NO. OBS.: 4865

STATION NUMBER: 24233

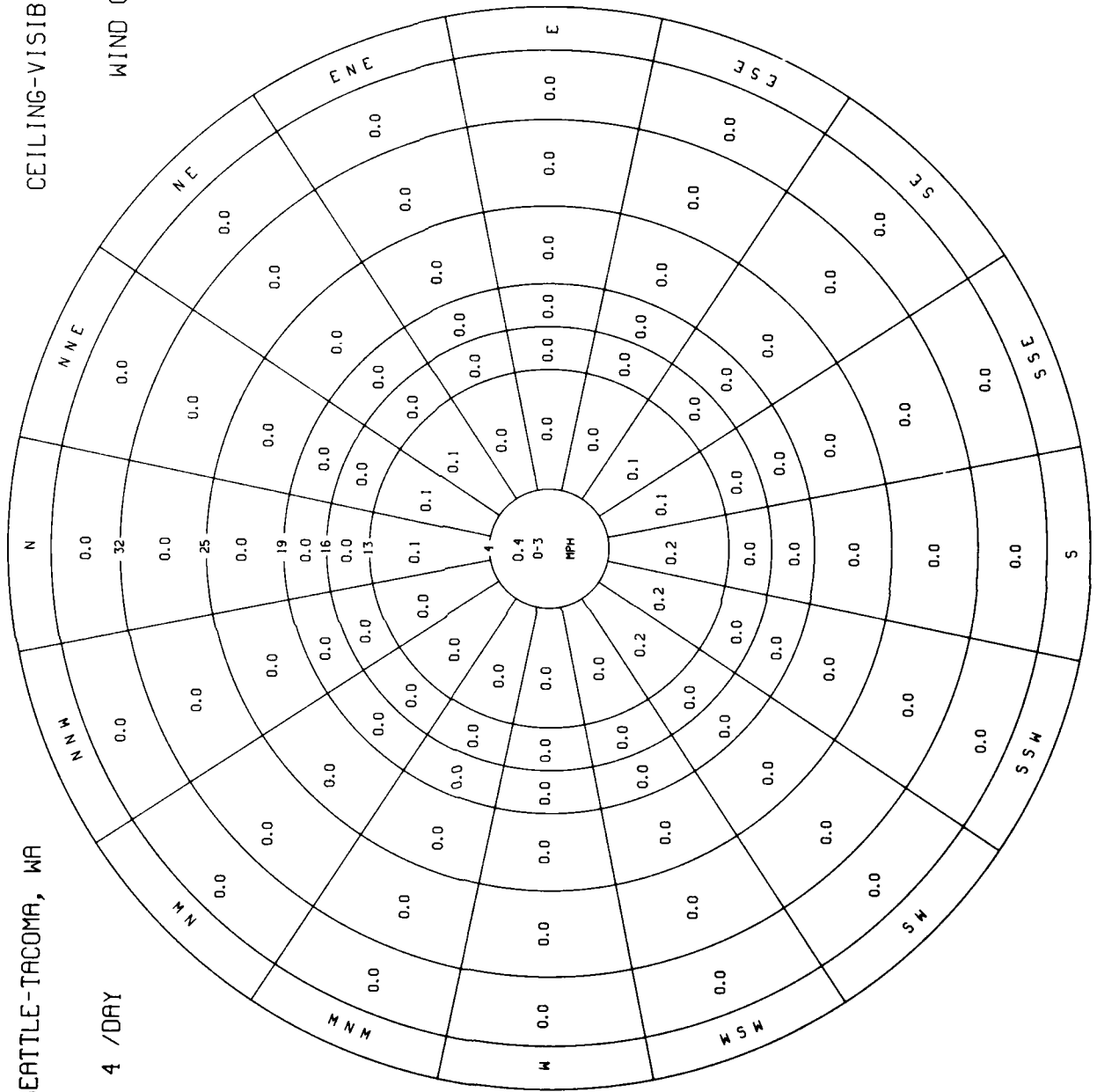
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.1	.4	.4	3.1	.1	.5	.0	.2	.0	.1	.0	.1	.0	.0	.5	4.4	9.4
NNE	.1	.5	.3	2.4	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	.4	3.7	8.6
NE	.0	.3	.2	1.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.0	7.0
ENE	.1	.4	.1	.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	6.1
E	.1	.7	.2	2.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.4	2.9	6.7
ESE	.1	.7	.4	2.9	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.5	3.9	7.3
SE	.1	.8	.6	5.2	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.8	6.4	7.8
SSE	.1	.7	.7	5.6	.1	.4	.0	.2	.0	.1	.0	.0	.0	.0	.9	6.9	8.3
S	.1	.5	1.3	10.8	.4	3.1	.3	2.3	.2	1.4	.0	.1	.0	.0	2.2	18.2	11.4
SSW	.1	.5	1.0	8.4	.5	4.3	.5	4.3	.4	3.3	.1	.8	.0	.1	2.6	21.6	14.2
SW	.0	.4	.8	6.2	.3	2.6	.3	2.5	.3	2.3	.1	.7	.0	.2	1.8	15.0	14.1
WSW	.0	.3	.2	1.7	.1	.7	.0	.3	.0	.2	.0	.1	.0	.0	.4	3.5	11.3
W	.0	.3	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.4	6.9
WNW	.0	.1	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.5	6.3
NW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	6.2
NNW	.0	.3	.1	.7	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	1.2	7.7
CALM	.8	6.5													.8	6.5	
TOTAL	1.7	13.5	6.6	53.5	1.6	12.9	1.3	10.4	1.0	7.7	.2	1.8	.0	.2	12.3	100	10.4

SEA SEATTLE-TACOMA, WA

CLASS 4 /DAY

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 24233

NO. OBS.: 996

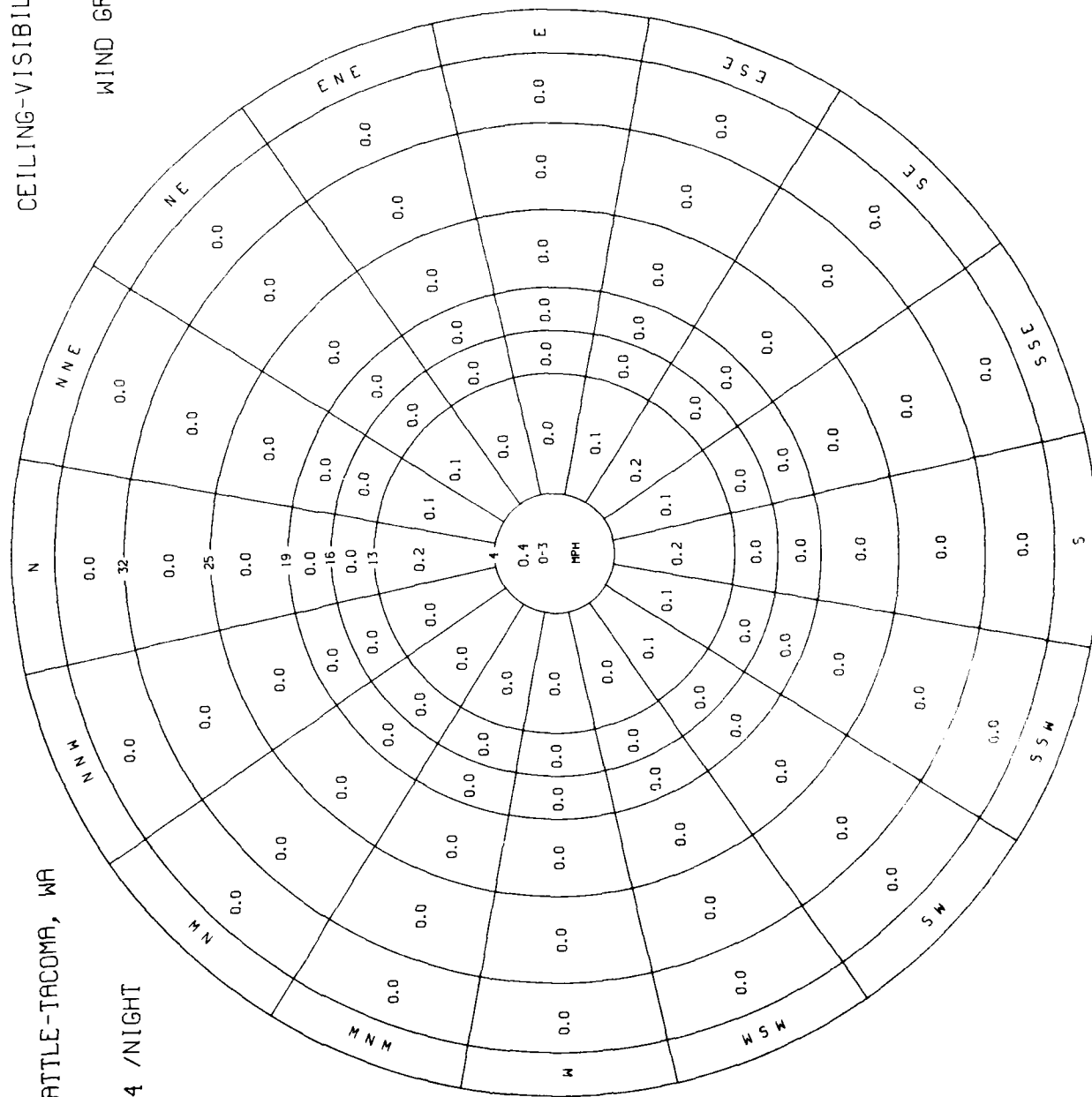
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	.4	.1	6.8	.0	.9	.0	.3	.0	.3	.0	.0	.0	.0	.2	8.7	8.9
NNE	.0	.3	.1	3.7	.0	.3	.0	.3	.0	.2	.0	.0	.0	.0	.1	4.8	9.0
NE	.0	.9	.1	2.8	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.2	7.1
ENE	.0	.5	.0	.7	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	1.3	6.8
E	.0	.4	.0	2.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.1	2.7	7.1
ESE	.0	.3	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	7.0
SE	.0	1.1	.1	5.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.9	6.5
SSE	.0	.6	.1	4.8	.0	.3	.0	.0	.0	.1	.0	.0	.0	.0	.1	5.8	7.5
S	.0	1.4	.2	10.9	.0	.6	.0	.1	.0	.0	.0	.1	.0	.0	.3	13.2	7.6
SSW	.0	1.9	.2	12.8	.0	.8	.0	.3	.0	.3	.0	.0	.0	.1	.3	16.2	8.4
SW	.0	1.3	.2	8.3	.0	1.1	.0	.1	.0	.3	.0	.1	.0	.0	.2	11.2	8.6
WSW	.0	.6	.0	2.4	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	6.8
W	.0	.6	.0	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8	5.8
WNW	.0	.9	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.7
NW	.0	.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.6
NNW	.0	.7	.0	1.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	6.0
CALM	.2	9.3													.2	9.3	
TOTAL	.4	22.0	1.4	70.0	.1	5.1	.0	1.4	.0	1.2	.0	.2	.0	.1	2.0	100	6.9

CEILING-VISIBILITY

WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SEA SEATTLE-TACOMA, WA

CLASS 4 / NIGHT

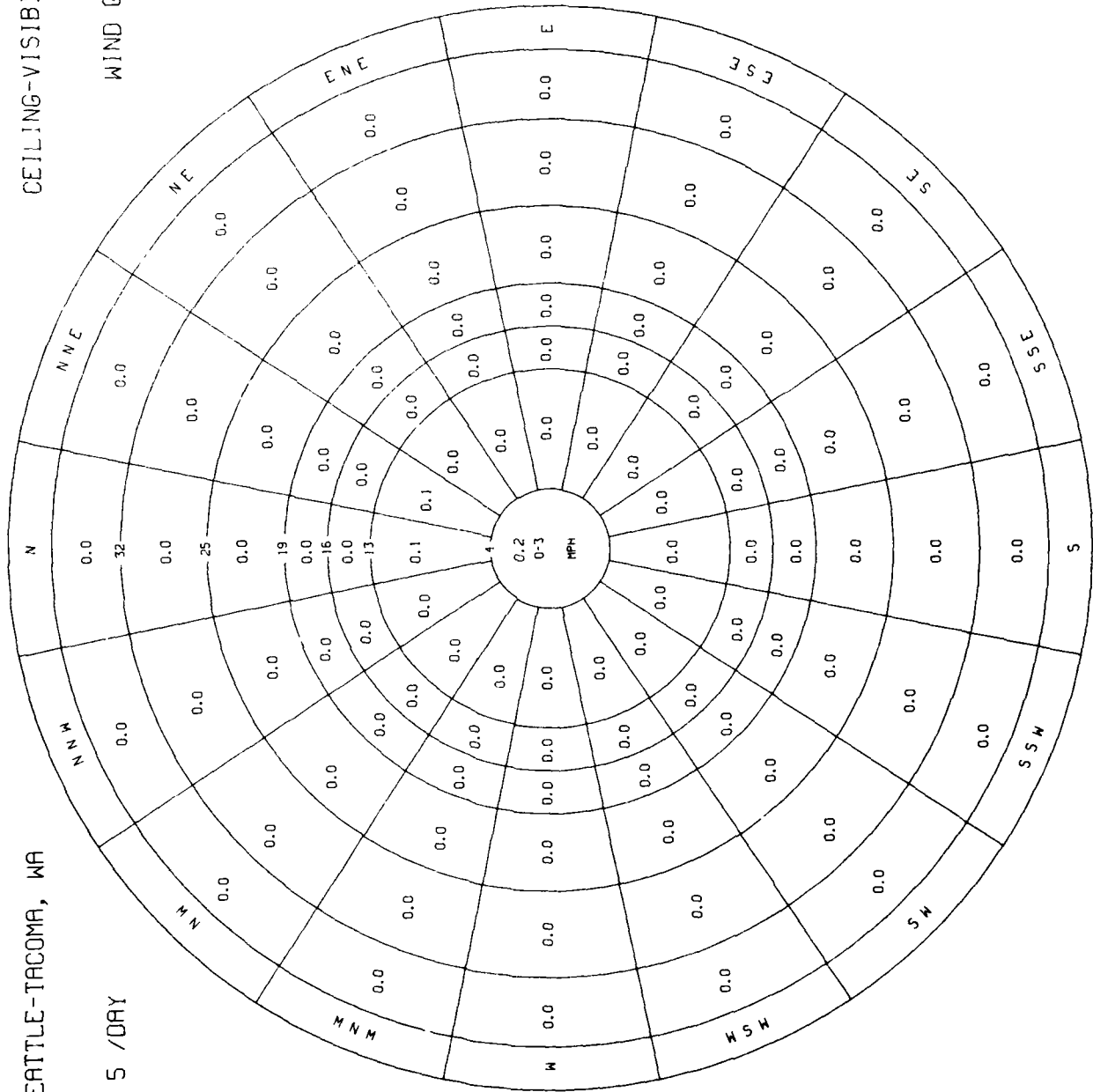
NO. OBS.: 797

STATION NUMBER: 24233

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D
N	.0	1.3	.2	8.7	.0	1.6	.0	1.1	.0	.4	.0	.0	.0	.0	.3	13.0	9.5
NNE	.0	1.9	.1	5.1	.0	1.0	.0	1.0	.0	.3	.0	.0	.0	.0	.2	9.3	8.8
NE	.0	.5	.1	4.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	4.8	7.0
ENE	.0	1.1	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.0	4.7
E	.0	1.3	.0	1.9	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1	3.3	5.7
ESE	.0	.9	.1	3.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.0	6.8
SE	.0	.9	.2	8.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.2	7.0
SSE	.0	.8	.1	6.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.4	7.5
S	.0	1.3	.2	7.9	.0	.8	.0	.4	.0	.1	.0	.0	.0	.0	.2	10.4	8.4
SSW	.0	.6	.1	7.3	.0	.9	.0	.8	.0	.6	.0	.0	.0	.0	.2	10.2	9.6
SW	.0	.4	.1	4.1	.0	.5	.0	.9	.0	.1	.0	.1	.0	.0	.1	6.1	10.4
WSW	.0	.3	.0	1.5	.0	.1	.0	.3	.0	.1	.0	.0	.0	.0	.0	2.3	8.9
W	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.8
WNW	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	4.2
NW	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	5.5
NNW	.0	.3	.0	1.1	.0	.1	.0	.0	.0	.4	.0	.0	.0	.0	.0	1.9	9.7
CALM	.2	8.7															
TOTAL	.4	21.0	1.3	65.5	.1	6.8	.1	4.5	.0	2.1	.0	.1	.0	.0	2.0	100	7.5

SEA SEATTLE-TACOMA, WA

CLASS 5 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 5 / DAY

STATION NUMBER: 24233

NO. OBS.: 348

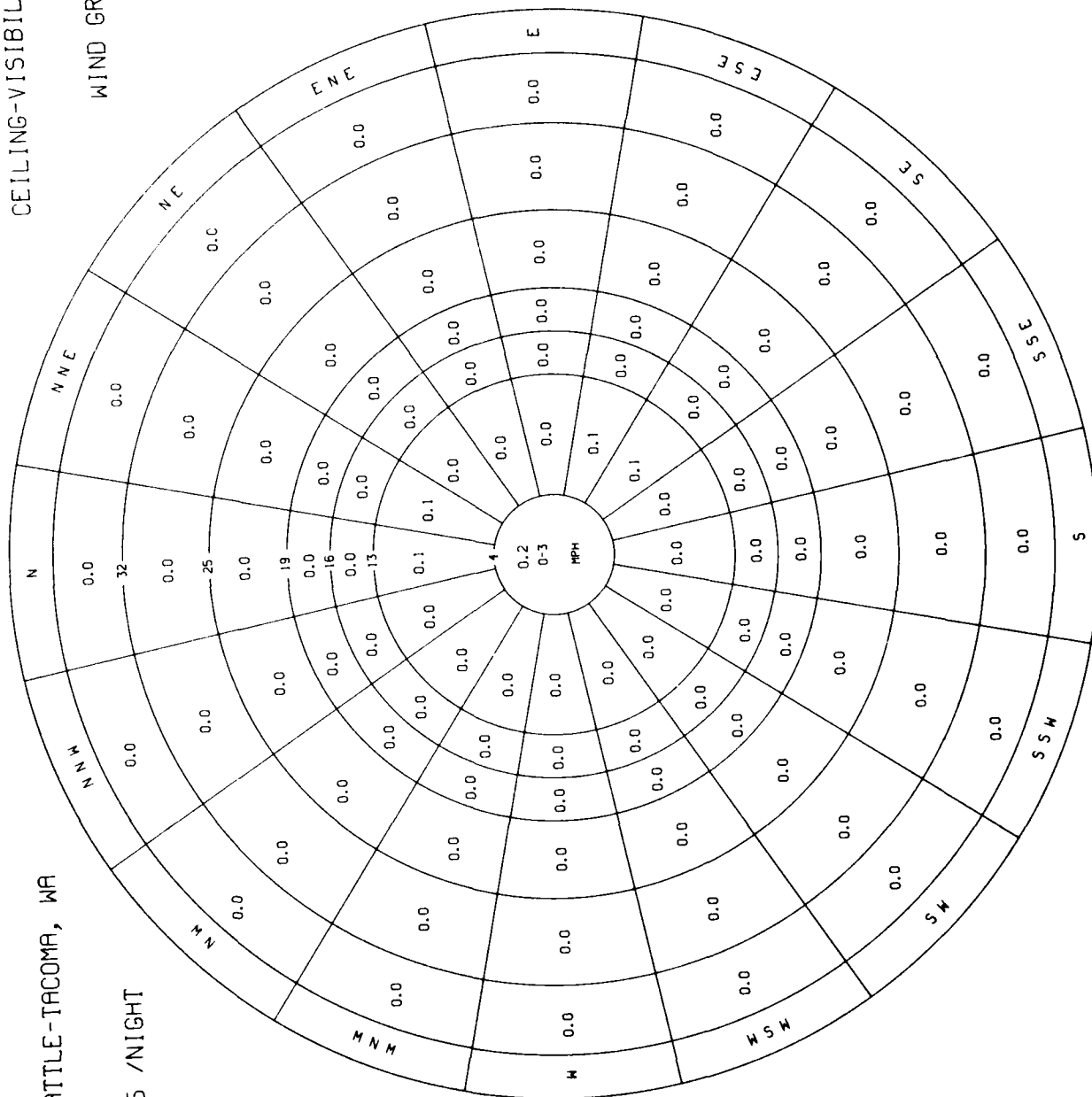
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.6	.1	7.5	.0	.6	.0	.0	.0	.3	.0	.3	.0	.0	.1 9.2
NNE	.0	.3	.1	8.0	.0	1.4	.0	.3	.0	.3	.0	.3	.0	.0	.1 10.6
NE	.0	.6	.0	4.3	.0	.9	.0	.3	.0	.0	.0	.0	.0	.0	.0 6.0
ENE	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
E	.0	1.7	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
ESE	.0	1.1	.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.2
SE	.0	2.3	.0	4.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 6.6
SSE	.0	1.4	.0	3.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.9
S	.0	1.7	.0	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 8.3
SSW	.0	2.3	.0	6.6	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.8
SW	.0	2.0	.0	6.0	.0	.3	.0	.3	.0	.3	.0	.0	.0	.0	.1 8.9
WSW	.0	.9	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
W	.0	.3	.0	1.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.0
WNW	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
NW	.0	.3	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
NNW	.0	.6	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.9
CALM	.1	14.7													.1 14.7
TOTAL	.2	31.3	.4	61.5	.0	4.6	.0	1.1	.0	.9	.0	.6	.0	.0	.7 100
															6.0

CEILING-VISIBILITY

WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 5 / NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 5 / NIGHT

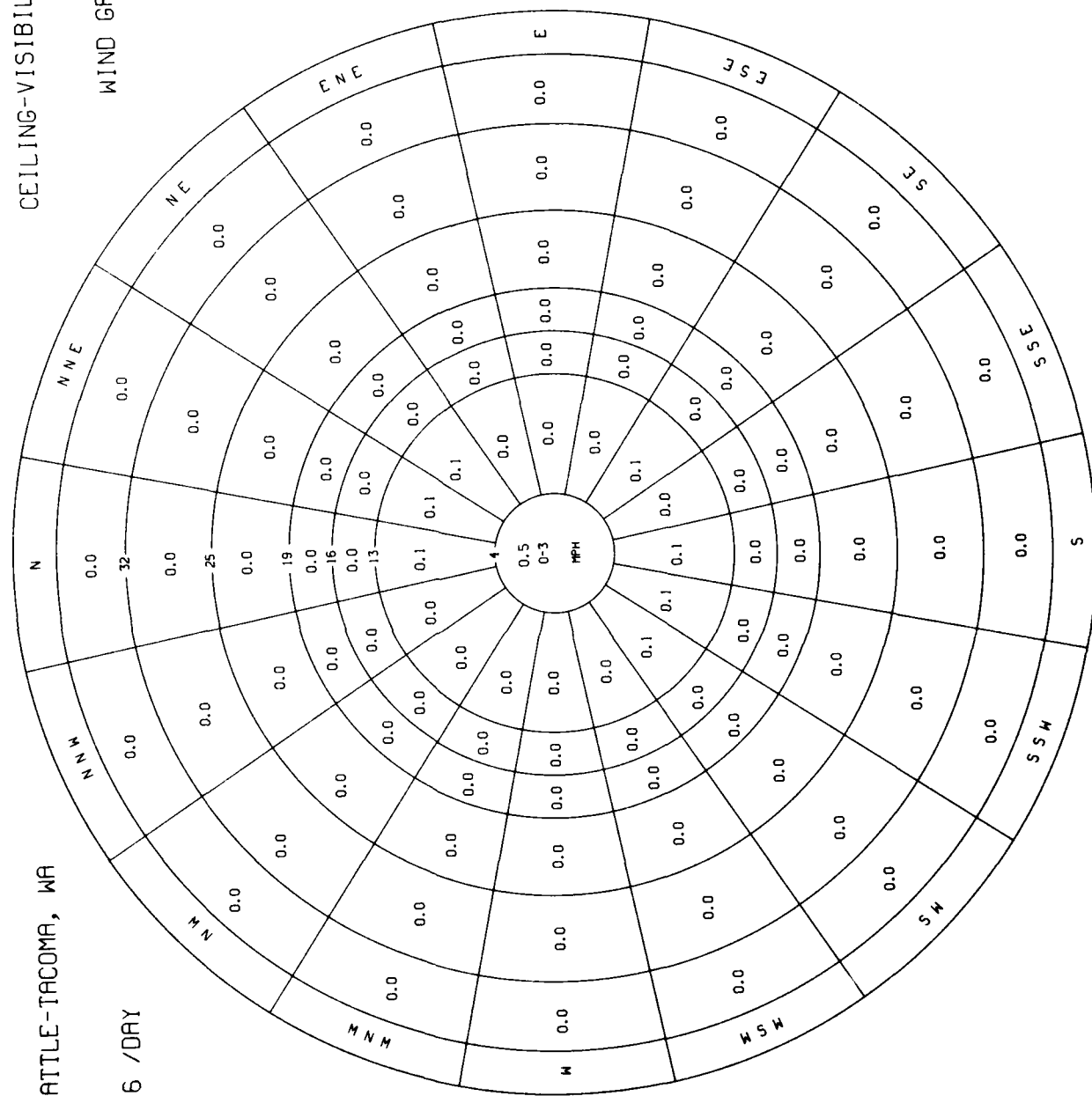
STATION NUMBER: 24233

NO. OBS.: 299

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D
N	.0	1.7	.1	9.7	.0	1.3	.0	.3	.0	.0	.0	.3	.0	.0	.1	13.4
NNE	.0	1.7	.1	7.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.7
NE	.0	.7	.0	5.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.0
ENE	.0	2.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
E	.0	1.0	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.3
ESE	.0	.3	.1	8.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	8.4
SE	.0	2.0	.1	8.7	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.1	11.4
SSE	.0	1.3	.0	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
S	.0	1.0	.0	3.3	.0	1.0	.0	.0	.0	.7	.0	.0	.0	.0	.0	6.0
SSW	.0	2.0	.0	5.0	.0	.7	.0	.0	.0	.3	.0	.0	.0	.0	.1	8.0
SW	.0	.7	.0	1.3	.0	.3	.0	.7	.0	.0	.0	.0	.0	.0	.0	3.0
WSW	.0	1.3	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
W	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
WNW	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NNW	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
CALM	.1	13.0													.1	13.0
TOTAL	.2	30.1	.5	61.9	.0	5.0	.0	1.7	.0	1.0	.0	.3	.0	.0	.8	100
																6.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: SEA SEATTLE-TACOMA, WA

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 24233

NO. OBS.: 679

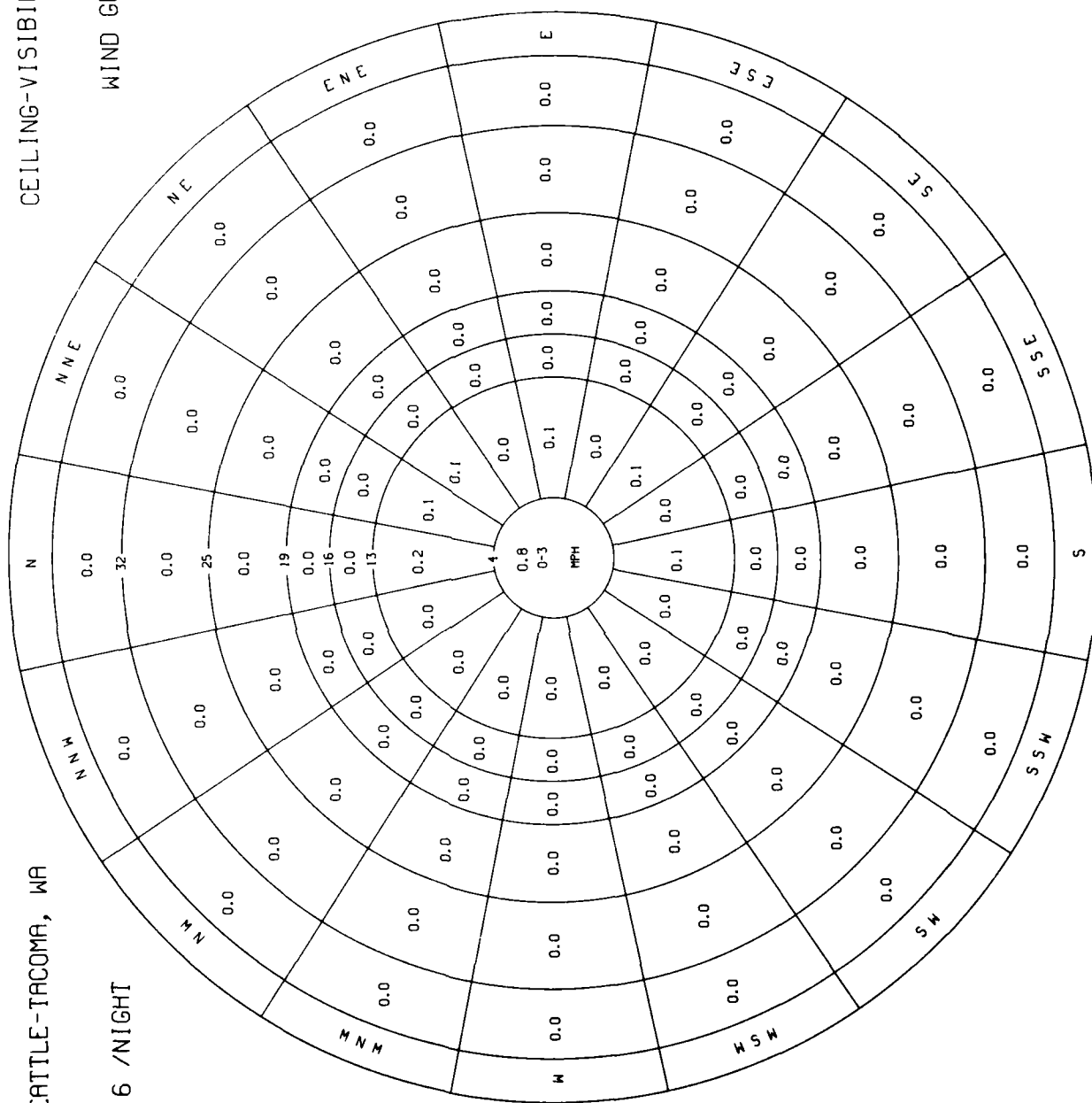
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.9	.1	8.0	.0	.6	.0	.1	.0	.0	.0	.1	.0	.0	.1	10.8	7.2
NNE	.0	1.8	.1	6.5	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.1	9.3	7.1
NE	.0	1.0	.1	5.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.9	6.8
ENE	.0	.9	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.9
E	.0	1.9	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.1	4.3
ESE	.0	1.9	.0	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.2	5.3
SE	.0	1.5	.1	5.7	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.1	7.7	6.8
SSE	.0	.6	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	6.1
S	.0	1.0	.1	5.9	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.2	6.2
SSW	.0	.7	.1	5.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.9	7.5
SW	.0	1.8	.1	4.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.7	5.8
WSW	.0	1.0	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.4
W	.0	1.3	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	4.4
WNW	.0	.6	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	4.4
NW	.0	.6	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	5.0
NNW	.0	.9	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.2
CALM	.3	21.1													.3	21.1	
TOTAL	.5	40.5	.8	56.6	.0	1.9	.0	.7	.0	.1	.0	.1	.0	.0	1.3	100	4.9

CEILING-VISIBILITY

WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: SEA SEATTLE-TACOMA, WA

CLASS 6 / NIGHT

NO. OBS.: 696

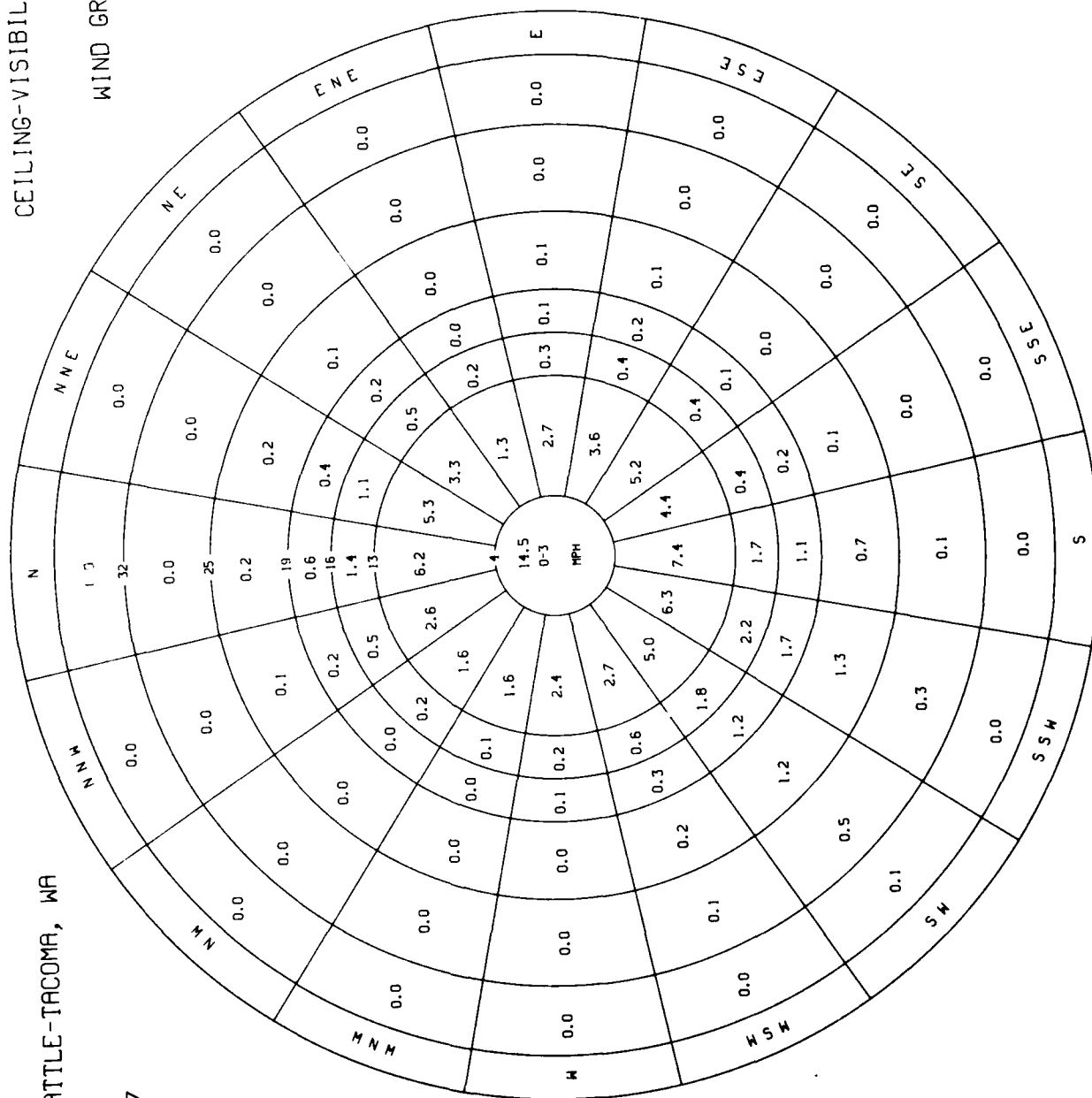
STATION NUMBER: 24233

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.3	.2	9.1	.0	1.1	.0	.1	.0	.1	.0	.0	.0	.0	.2 12.8
NNE	.0	1.7	.1	7.9	.0	.9	.0	.1	.0	.0	.0	.0	.0	.0	.2 10.6
NNE	.0	1.7	.1	8.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 9.9
ENE	.0	2.0	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
E	.0	2.0	.1	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 5.0
ESE	.0	1.4	.0	2.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3
SE	.0	1.3	.1	6.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.5
SSE	.0	1.3	.0	2.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 3.4
S	.0	1.1	.1	3.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
SSW	.0	1.1	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.1 3.3
SW	.0	.4	.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
WSW	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .6
W	.0	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .7
WNW	.0	.7	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
NW	.0	.3	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
NNW	.0	.3	.0	2.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.9
CALM	.4	25.0													.4 25.0
TOTAL	.8	43.4	.9	53.4	.0	2.4	.0	.4	.0	.1	.0	.1	.0	.0	1.8 100 4.7

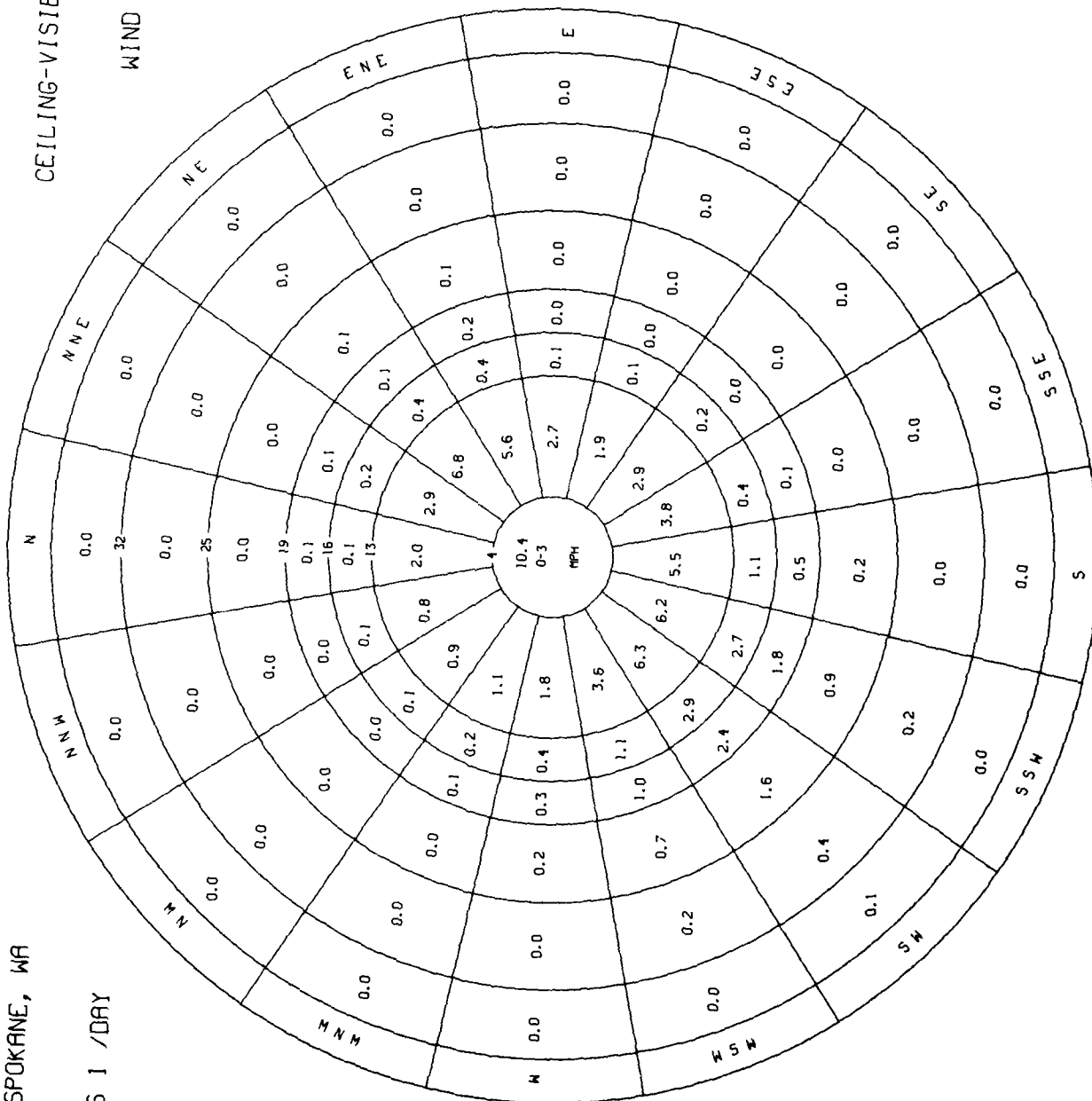
WIND GRAPH

SEA SEATTLE-TACOMA, WA

CLASS 7



GEG SPOKANE, WA
 CLASS 1 /DAY
 CEILING-VISIBILITY
 WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 1 / DAY

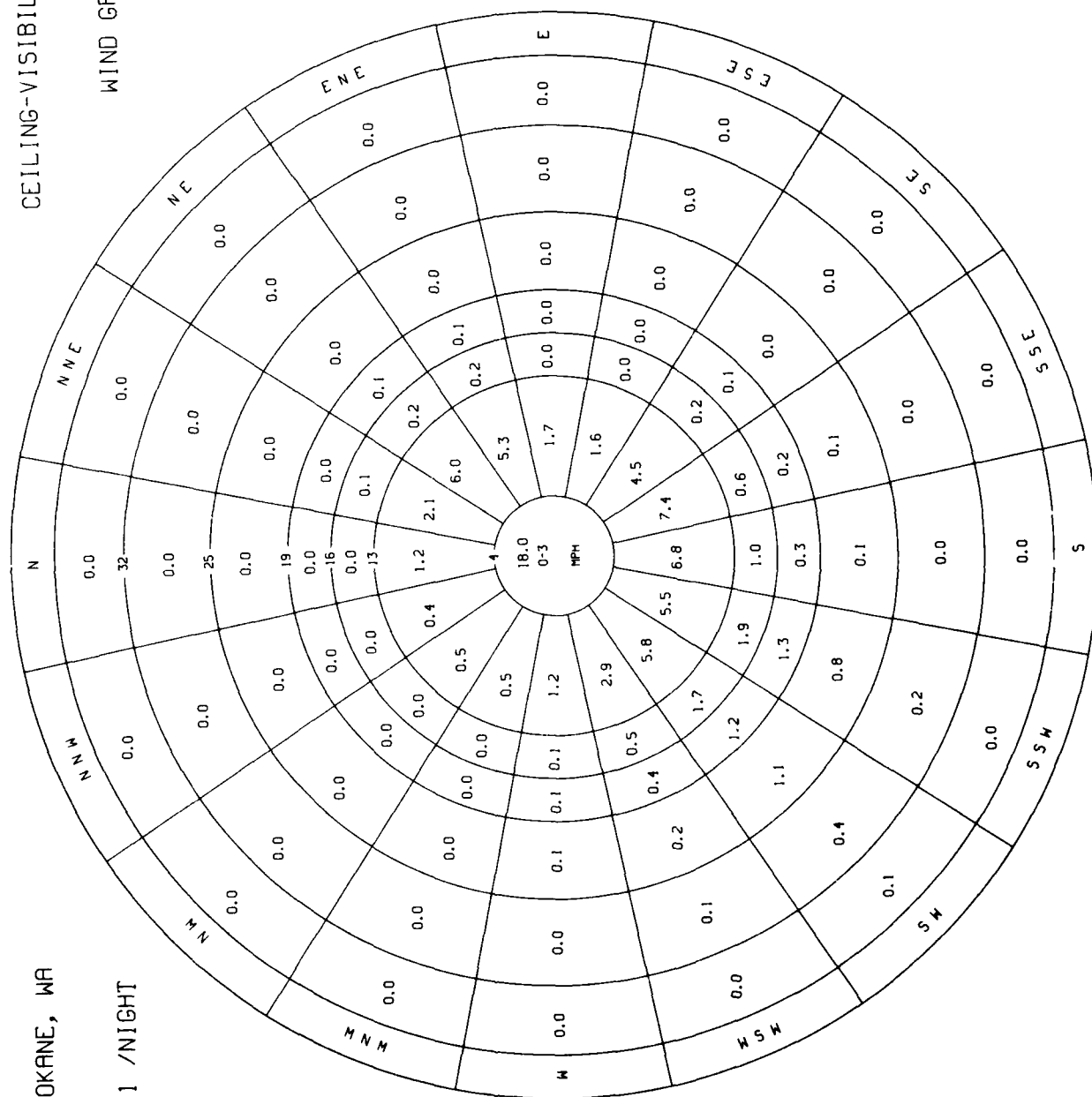
STATION NUMBER: 24157

NO. OBS.: 46010

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.6	.6	2.0	2.3	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.7 3.1
NNE	.6	.7	2.9	3.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	3.8 4.4
NE	1.3	1.5	6.8	7.9	.4	.4	.1	.2	.1	.1	.0	.0	.0	.0	8.7 10.0
ENE	.9	1.0	5.6	6.5	.4	.4	.2	.2	.1	.1	.0	.0	.0	.0	7.1 8.2
E	.8	.9	2.7	3.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6 4.2
ESE	.5	.6	1.9	2.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.4 2.8
SE	.6	.7	2.9	3.3	.2	.2	.0	.1	.0	.0	.0	.0	.0	.0	3.7 4.3
SSE	.4	.4	3.8	4.3	.4	.5	.1	.2	.0	.0	.0	.0	.0	.0	4.8 5.5
S	.5	.6	5.5	6.3	1.1	1.2	.5	.5	.2	.2	.0	.0	.0	.0	7.7 8.9
SSW	.4	.5	6.2	7.1	2.7	3.1	1.8	2.1	.9	1.0	.2	.2	.0	.0	12.1 14.0
SW	.5	.6	6.3	7.2	2.9	3.3	2.4	2.8	1.6	1.8	.4	.4	.1	.1	14.1 16.2
WSW	.3	.4	3.6	4.2	1.1	1.3	1.0	1.1	.7	.8	.2	.2	.0	.0	7.0 8.1
W	.3	.4	1.8	2.1	.4	.5	.3	.3	.2	.2	.0	.0	.0	.0	3.1 3.6
WNW	.3	.4	1.1	1.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	1.7 2.0
NW	.3	.3	.9	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.5
NNW	.3	.3	.8	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.4
CALM	1.7	1.9													1.7 1.9
TOTAL	10.4	11.9	54.7	62.9	10.4	12.0	6.8	7.8	3.8	4.4	.8	.9	.1	.1	87.0 100
															9.5

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

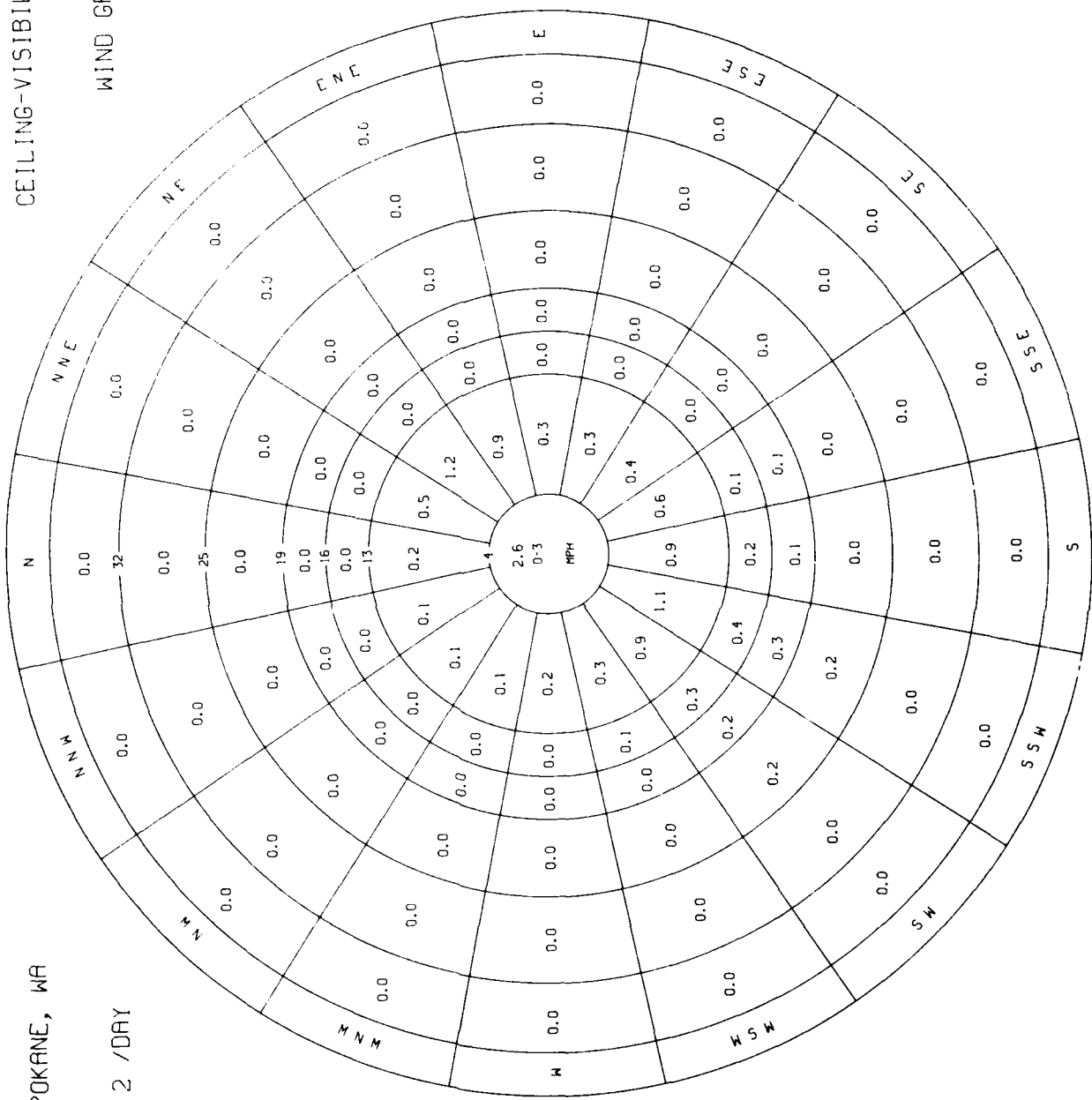
CLASS 1 / NIGHT

STATION NUMBER: 24157

NO. OBS.: 32024

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.7	.8	1.2	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	2.2	5.5
NNE	.9	1.1	2.1	2.5	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	3.2	3.7	6.0
NE	2.2	2.6	6.0	7.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	8.5	10.0	6.1
ENE	1.3	1.5	5.3	6.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	6.8	8.1	6.6
E	1.1	1.3	1.7	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.9	3.4	5.3
ESE	.8	.9	1.6	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	2.8	5.5
SE	.9	1.1	4.5	5.3	.2	.3	.1	.1	.0	.0	.0	.0	.0	.0	5.7	6.7	7.2
SSE	.7	.8	7.4	8.7	.6	.7	.2	.2	.1	.1	.0	.0	.0	.0	8.9	10.4	8.2
S	.9	1.1	6.8	7.9	1.0	1.2	.3	.4	.1	.2	.0	.0	.0	.0	9.2	10.8	8.6
SSW	.7	.8	5.5	6.4	1.9	2.3	1.3	1.6	.8	1.0	.2	.3	.0	.0	10.4	12.3	11.6
SW	1.0	1.1	5.8	6.9	1.7	2.0	1.2	1.4	1.1	1.3	.4	.4	.1	.1	11.2	13.2	11.6
WSW	.6	.7	2.9	3.4	.5	.6	.4	.4	.2	.3	.1	.1	.0	.0	4.7	5.6	9.5
W	.5	.6	1.2	1.4	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	1.9	2.2	7.2
WNW	.3	.4	.5	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	6.2
NW	.4	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	1.0	5.4
NNW	.3	.3	.4	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	.9	6.0
CALM	4.9	5.8													4.9	5.8	
TOTAL	18.0	21.2	53.3	62.7	6.6	7.8	3.8	4.4	2.4	2.9	.7	.8	.1	.2	85.0	100	7.9

CEILING-VISIBILITY
WIND GRAPH



GEG SPOKANE, WA
CLASS 2 / DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 2 / DAY

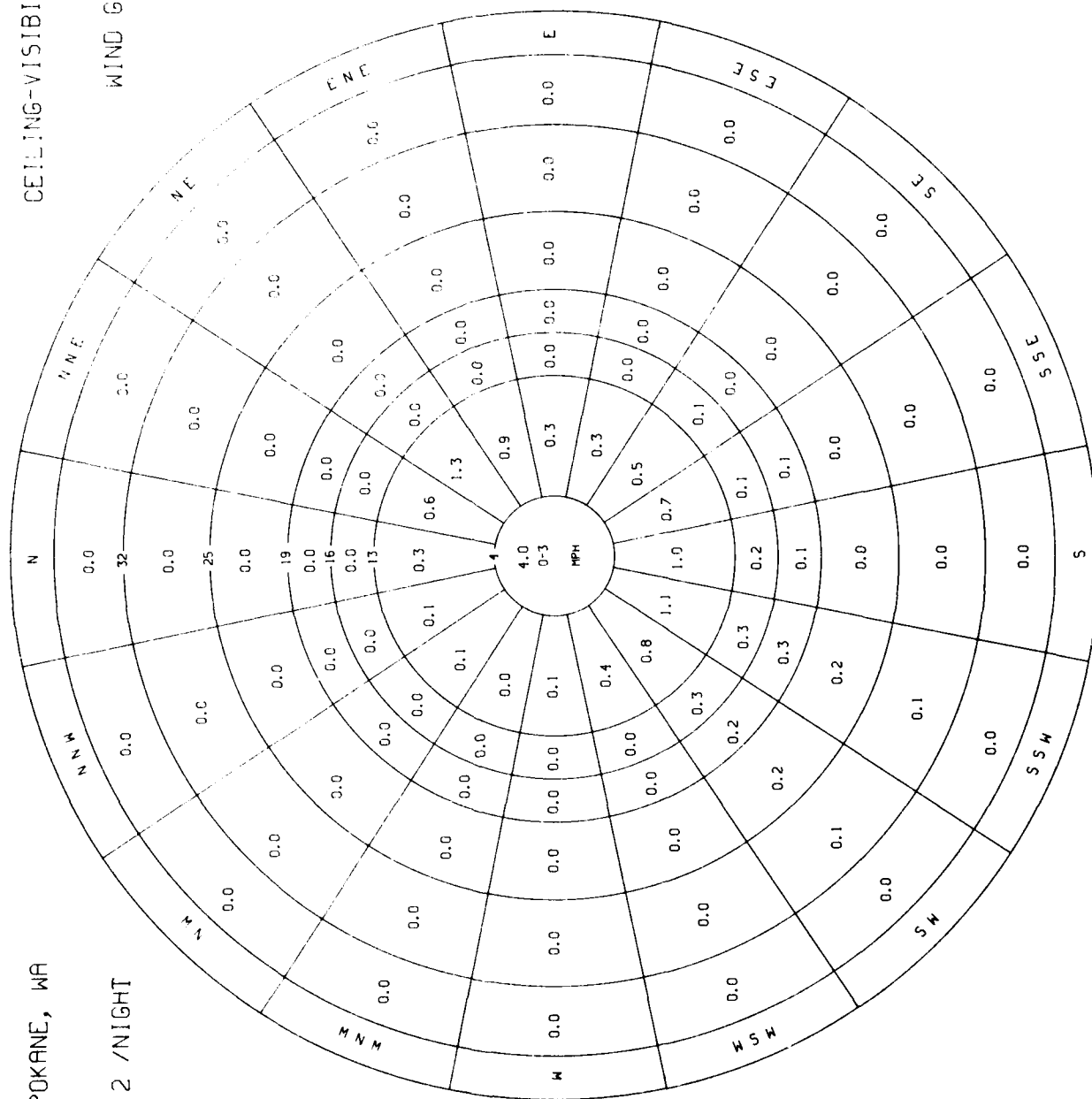
STATION NUMBER: 24157

NO. OBS.: 6870

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.8	.2	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 2.6
NNE	.2	1.3	.5	3.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 4.9
NNE	.4	3.1	1.2	9.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.6 12.6
ENE	.3	2.1	.9	7.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2 9.3
E	.2	1.4	.3	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5 4.0
ESE	.1	.8	.3	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 3.2
SE	.1	.7	.4	2.9	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.5 4.1
SSE	.1	.8	.6	4.5	.1	.9	.1	.5	.0	.2	.0	.0	.0	.0	.9 6.9
S	.1	.8	.9	6.8	.2	1.3	.1	.7	.0	.4	.0	.1	.0	.0	1.3 10.1
SSW	.1	.5	1.1	8.1	.4	3.2	.3	2.0	.2	1.5	.0	.3	.0	.0	2.0 15.7
SW	.1	.8	.9	6.8	.3	2.1	.2	1.7	.2	1.4	.0	.2	.0	.1	1.7 13.1
WSW	.1	.4	.3	2.4	.1	.4	.0	.3	.0	.2	.0	.1	.0	.0	.5 3.9
W	.0	.4	.2	1.2	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2 1.8
WNW	.0	.4	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
NW	.0	.3	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
NNW	.0	.3	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
CALM	.7	5.5													.7 5.5
TOTAL	2.6	20.4	7.9	60.5	1.2	9.1	.7	5.5	.5	3.8	.1	.7	.0	.1	13.0 100
															8.2

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 2 / NIGHT

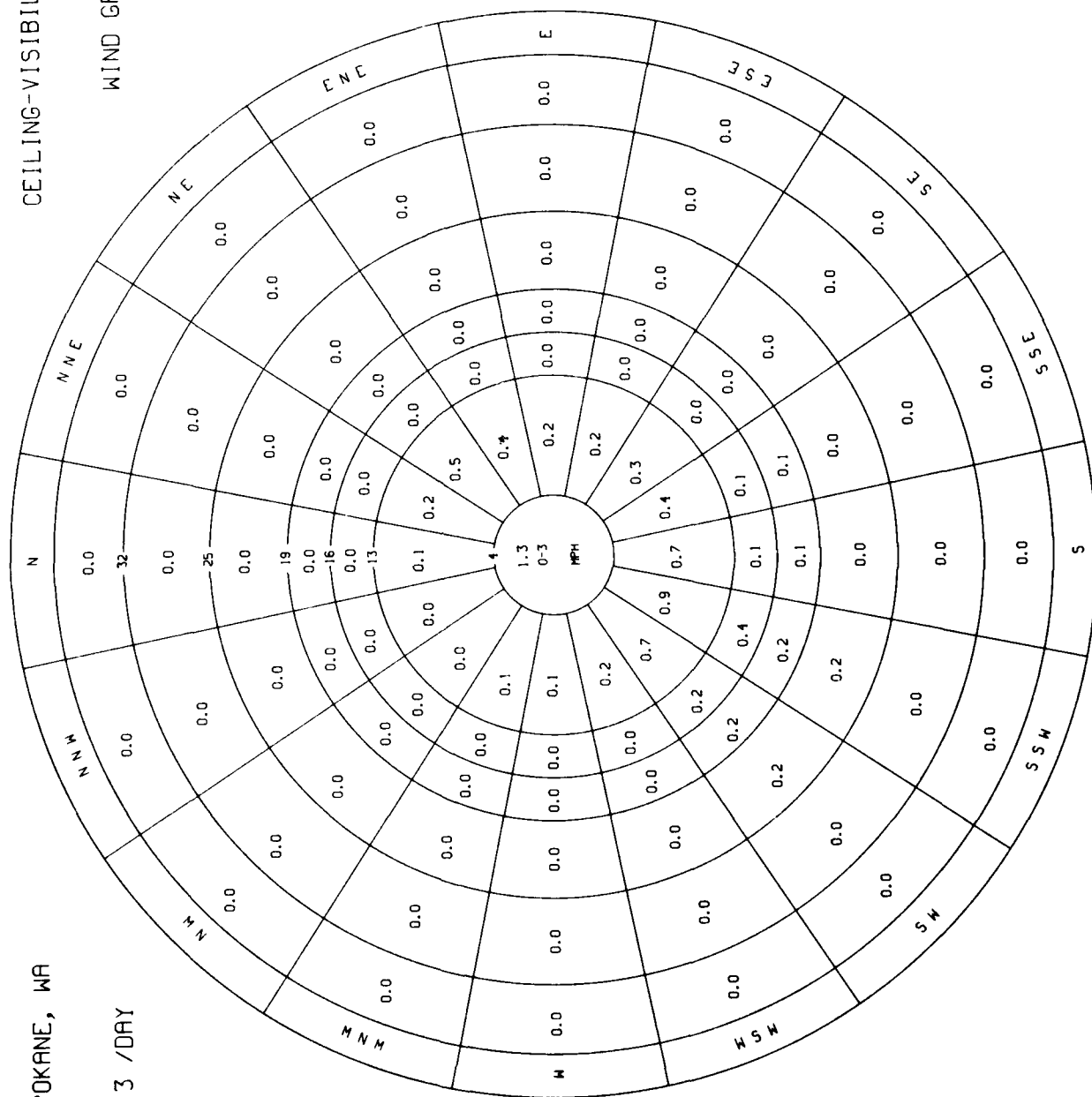
STATION NUMBER: 24157

NO. OBS.: 5660

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.9	.3	1.7	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.4 2.6
NNE	.2	1.4	.6	3.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.8 5.3
NNE	.5	3.3	1.3	8.8	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	1.8 12.3
ENE	.3	2.0	.9	6.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.3 8.5
E	.2	1.4	.3	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.6 3.9
ESE	.1	.9	.3	2.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5 3.0
SE	.2	1.4	.5	3.4	.1	.5	.0	.1	.0	.1	.0	.0	.0	.0	.8 5.5
SSE	.1	.7	.7	4.3	.1	.5	.1	.3	.0	.2	.0	.0	.0	.0	.9 6.1
S	.2	1.3	1.0	6.6	.2	1.1	.1	.6	.0	.3	.0	.1	.0	.0	1.5 10.0
SSW	.1	.7	1.1	7.3	.3	2.1	.3	2.2	.2	1.6	.1	.5	.0	.0	2.2 14.4
SW	.2	1.0	.8	5.4	.3	1.7	.2	1.4	.2	1.4	.1	.4	.0	.1	1.7 11.5
WSW	.1	.6	.4	2.4	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.6 3.8
W	.1	.6	.1	1.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.3 1.7
WNW	.1	.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
NW	.1	.4	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
NNW	.1	.5	.1	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.0
CALM	1.3	8.8													1.3 8.8
TOTAL	4.0	26.3	8.5	56.8	1.0	7.0	.8	5.0	.6	3.8	.1	1.0	.0	.2	15.0 100
															7.6

GEG SPOKANE, WA

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: GEG SPOKANE, WA

CLASS 3 / DAY

NO. OBS.: 4517

STATION NUMBER: 24157

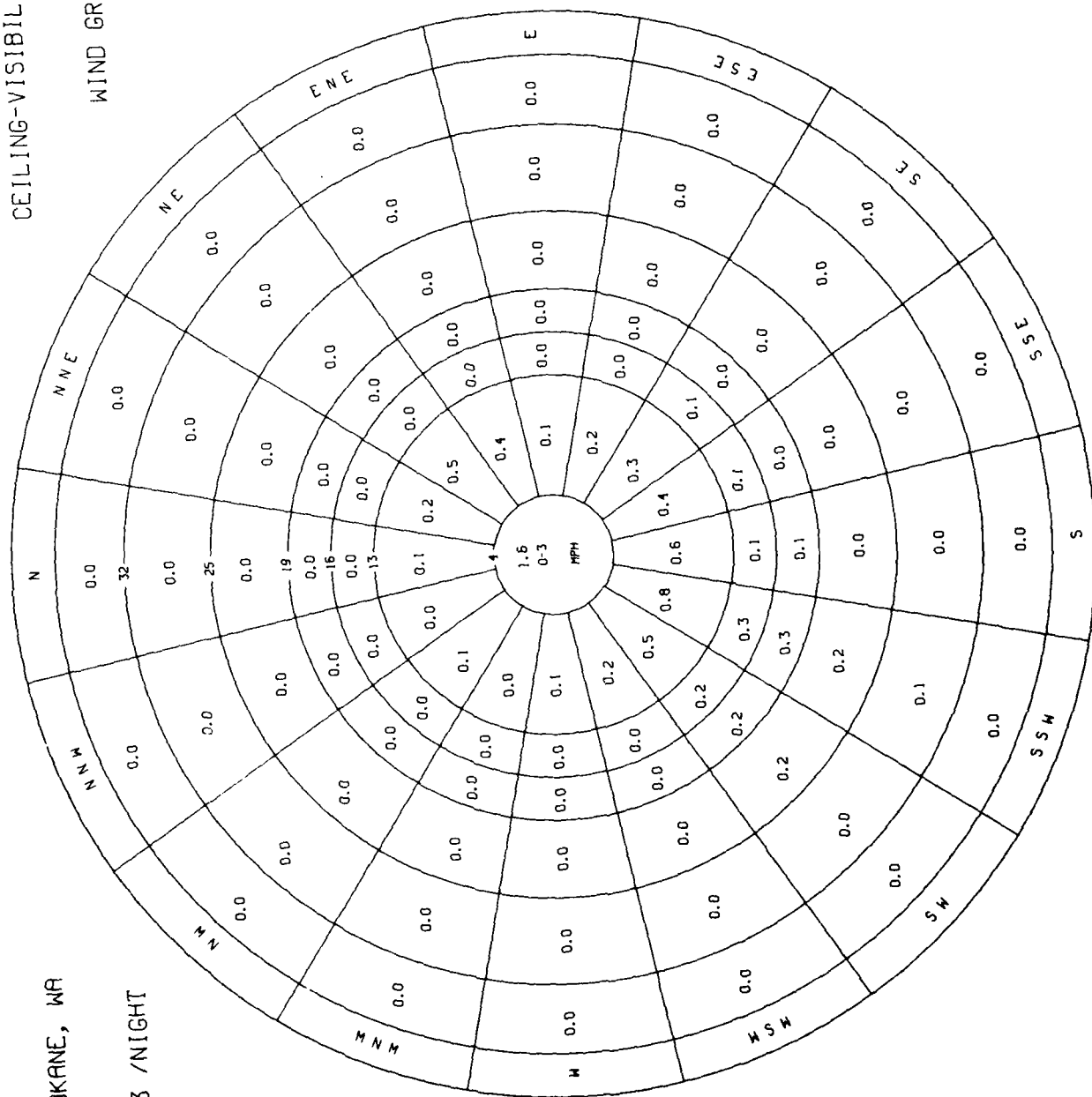
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.2
NNE	.1	.8	.2	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.8
NE	.2	2.0	.5	6.3	.0	.2	.0	.0	.0	.1	.0	.0	.0	.0	.7 8.6
ENE	.1	1.4	.4	4.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.5 5.9
E	.1	1.0	.2	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.0
ESE	.1	.6	.2	2.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.0
SE	.1	.7	.3	3.3	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.4 4.4
SSE	.1	.9	.4	4.9	.1	1.1	.1	.6	.0	.2	.0	.0	.0	.0	.6 7.5
S	.0	.6	.9	10.1	.4	4.4	.2	2.9	.2	2.0	.0	.4	.0	.0	1.0 12.0
SSH	.1	.9	.7	8.0	.1	1.6	.1	.9	.0	.5	.0	.1	.0	.0	1.8 20.5
SW	.0	.4	.2	2.7	.0	.5	.0	.4	.0	.2	.0	.3	.0	.1	1.4 16.7
WSW	.0	.4	.1	1.3	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.4 4.3
W	.0	.4	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 1.9
WNW	.0	.4	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
NW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .7
NNW	.0	.3	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 .8
CALM	.3	3.7	5.1	59.2	1.0	11.5	.6	7.5	.4	5.1	.1	1.0	.0	.2	.3 3.7
TOTAL	1.3	15.5	5.1	59.2	1.0	11.5	.6	7.5	.4	5.1	.1	1.0	.0	.2	8.5 100

CEILING-VISIBILITY

WIND GRAPH

GEG SPOKANE, WA

CLASS 3 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 24157

NO. OBS.: 3166

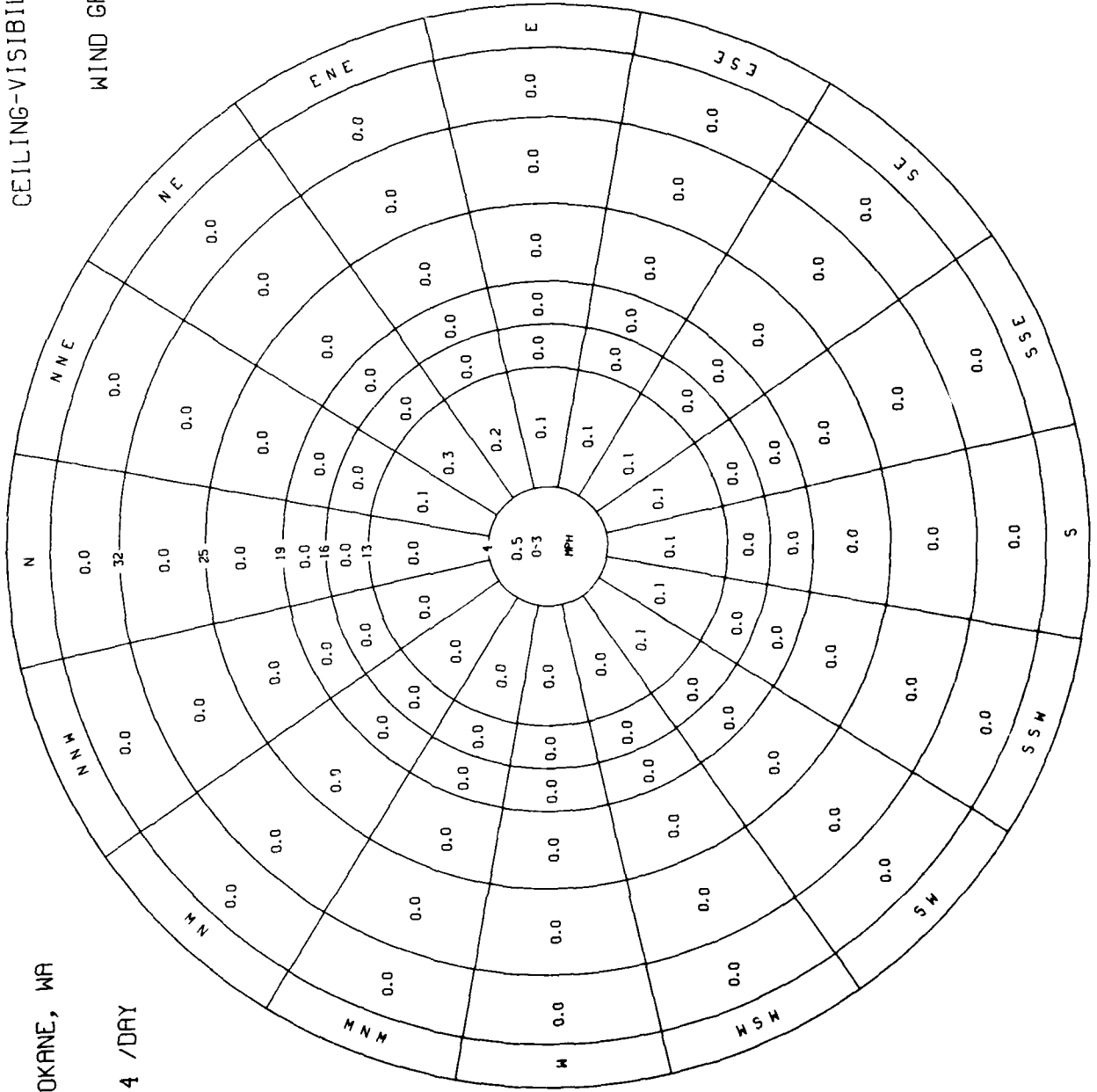
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.6	.1	1.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.8	5.4
NNE	.1	1.0	.2	2.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.0	6.0
NE	.2	2.4	.5	6.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.7	8.8	6.2
ENE	.1	1.3	.4	4.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.7	6.1
E	.1	1.0	.1	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.8	5.3
ESE	.1	.9	.2	2.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.3	6.4
SE	.1	1.0	.3	3.6	.1	.8	.0	.2	.0	.1	.0	.0	.0	.0	.0	.5	5.6	8.0
SSE	.1	.7	.4	5.1	.1	.8	.0	.4	.0	.3	.0	.0	.0	.0	.0	.6	7.3	9.1
S	.1	1.3	.6	7.7	.1	1.5	.1	.8	.0	.5	.0	.1	.0	.0	.0	1.0	11.9	9.5
SSW	.1	.7	.8	9.2	.3	3.2	.3	3.7	.2	2.7	.1	.7	.0	.1	.1	1.7	20.1	13.1
SW	.1	1.1	.5	6.2	.2	2.4	.2	2.3	.2	2.3	.0	.5	.0	.2	.2	1.3	15.1	13.2
WSW	.0	.5	.2	2.4	.0	.4	.0	.3	.0	.3	.0	.0	.0	.1	.1	.3	4.0	10.0
W	.0	.4	.1	1.0	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	1.6	7.6
WNW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.7
NW	.0	.3	.1	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.4
NNW	.0	.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8	4.2
CALM	.5	5.8														.5	5.8	
TOTAL	1.6	19.5	4.6	54.9	.8	9.8	.7	7.8	.5	6.2	.1	1.4	.0	.3		8.4	100	9.1

CEILING-VISIBILITY

WIND GRAPH

GEG SPOKANE, WA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

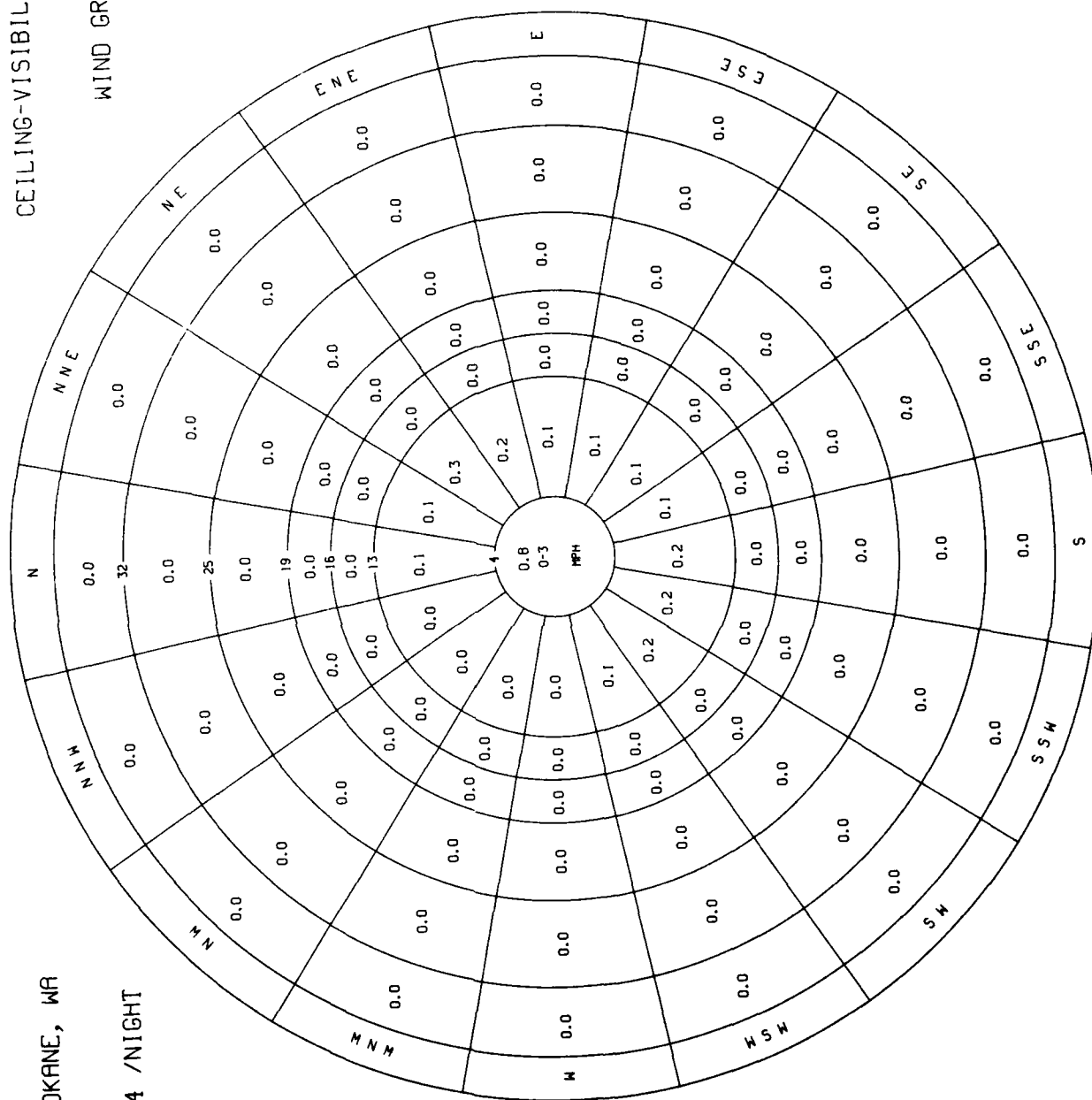
CLASS 4 / DAY

STATION NUMBER: 24157

NO. OBS.: 1137

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.6	.0	2.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8 5.9
NNE	.0	1.7	.1	4.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.1 6.7 6.2
NE	.1	3.1	.3	13.9	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.4 17.6 6.4
ENE	.1	2.9	.2	9.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.3 12.8 6.6
E	.0	1.6	.1	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7 5.2
ESE	.0	1.2	.1	2.9	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.3 6.2
SE	.0	.5	.1	2.7	.0	.7	.0	.1	.0	.0	.0	.0	.0	.0	.1 4.0 8.0
SSE	.0	1.3	.1	4.6	.0	.9	.0	.5	.0	.3	.0	.0	.0	.0	.2 7.6 8.9
S	.0	1.0	.1	6.2	.0	1.1	.0	.4	.0	.2	.0	.1	.0	.0	.2 8.9 8.6
SSW	.0	.3	.1	5.4	.0	1.1	.0	.4	.0	.7	.0	.1	.0	.0	.2 8.0 10.4
SW	.0	.8	.1	5.5	.0	.8	.0	.4	.0	.6	.0	.2	.0	.0	.2 8.4 10.2
WSW	.0	.3	.0	2.3	.0	.3	.0	.3	.0	.0	.0	.0	.0	.0	.1 3.1 8.8
W	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0 1.5 6.8
WNW	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9 5.8
NW	.0	.5	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.2 4.6
NNW	.0	.3	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9 6.0
CALM	.1	6.6													.1 6.6
TOTAL	.5	23.0	1.4	66.0	.1	6.5	.0	2.3	.0	1.8	.0	.4	.0	.0	2.2 100 7.0

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 4 / NIGHT

STATION NUMBER: 24157

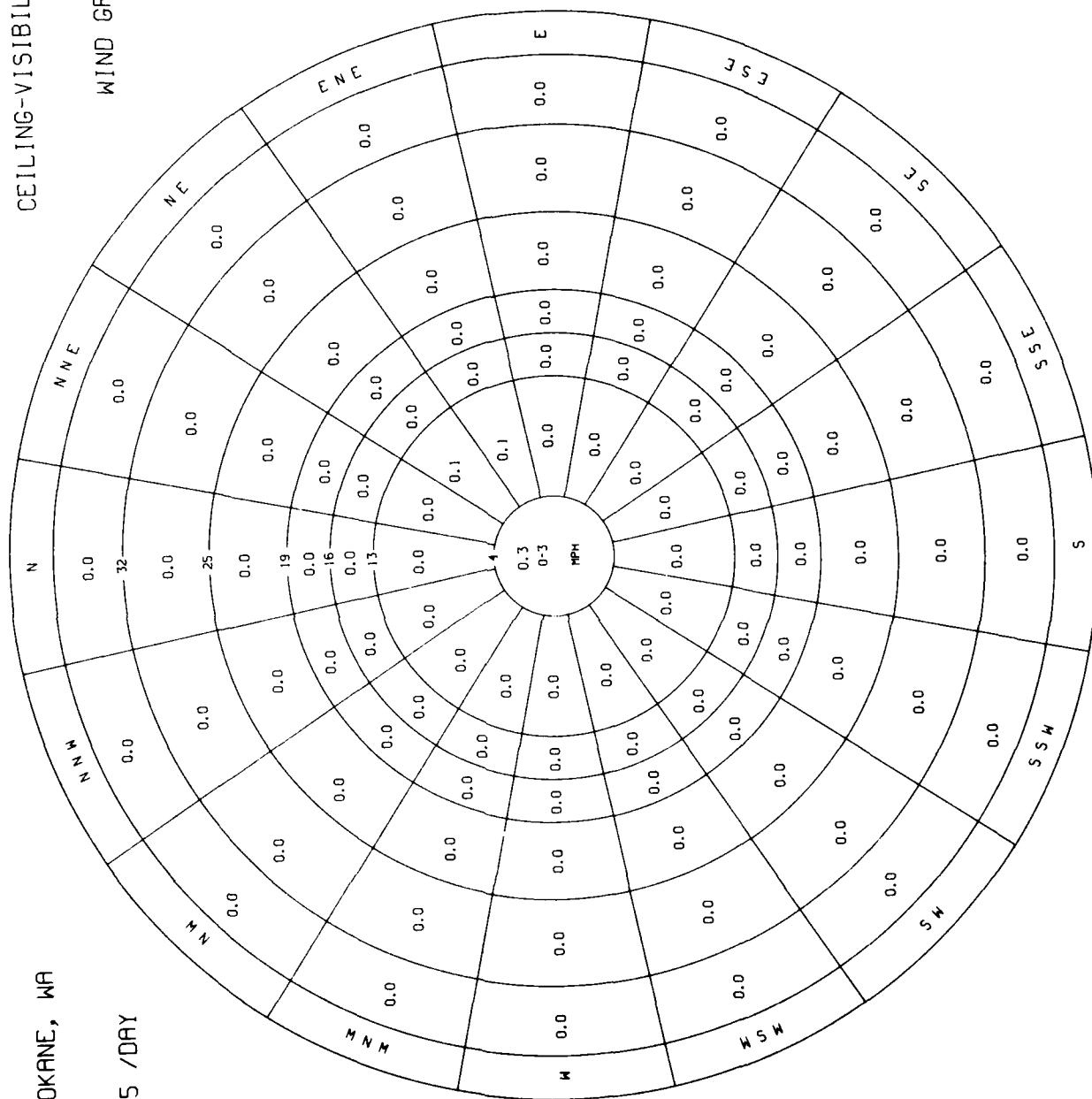
NO. OBS.: 1143

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.1	.1	1.9	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.1
NNE	.0	1.4	.1	4.7	.0	.1	.0	.2	.0	.0	.0	.0	.0	.0	.2 6.4
NE	.1	2.8	.3	10.6	.0	.2	.0	.1	.0	.1	.0	.0	.0	.0	.4 13.7
ENE	.0	1.6	.2	6.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.3 8.7
E	.1	1.7	.1	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.1
ESE	.0	.6	.1	2.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.8
SE	.1	1.9	.1	4.5	.0	.3	.0	.1	.0	.1	.0	.1	.0	.0	.2 7.1
SSE	.0	.5	.1	4.3	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.2 6.0
S	.0	1.6	.2	7.0	.0	.9	.0	.4	.0	.1	.0	.2	.0	.0	.3 10.1
SSW	.0	.6	.2	7.6	.0	1.5	.0	.4	.0	.5	.0	.3	.0	.0	.3 10.9
SW	.0	1.1	.2	5.7	.0	1.5	.0	.4	.0	.4	.0	.1	.0	.0	.3 9.3
WSW	.0	1.0	.1	3.0	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1 4.3
W	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.4
WNW	.0	.6	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
NW	.0	.4	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
NNW	.0	.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
CALM	.3	8.7													.3 8.7
TOTAL	.8	26.8	1.9	62.8	.2	6.1	.1	2.3	.0	1.4	.0	.6	.0	.0	3.0 100
															6.8

CEILING-VISIBILITY
WIND GRAPH

GEG SPOKANE, WA

CLASS 5 /DAY



ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

STATION NUMBER: 24157

NO.	OBS.:	433
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CLASS 5 / DAY

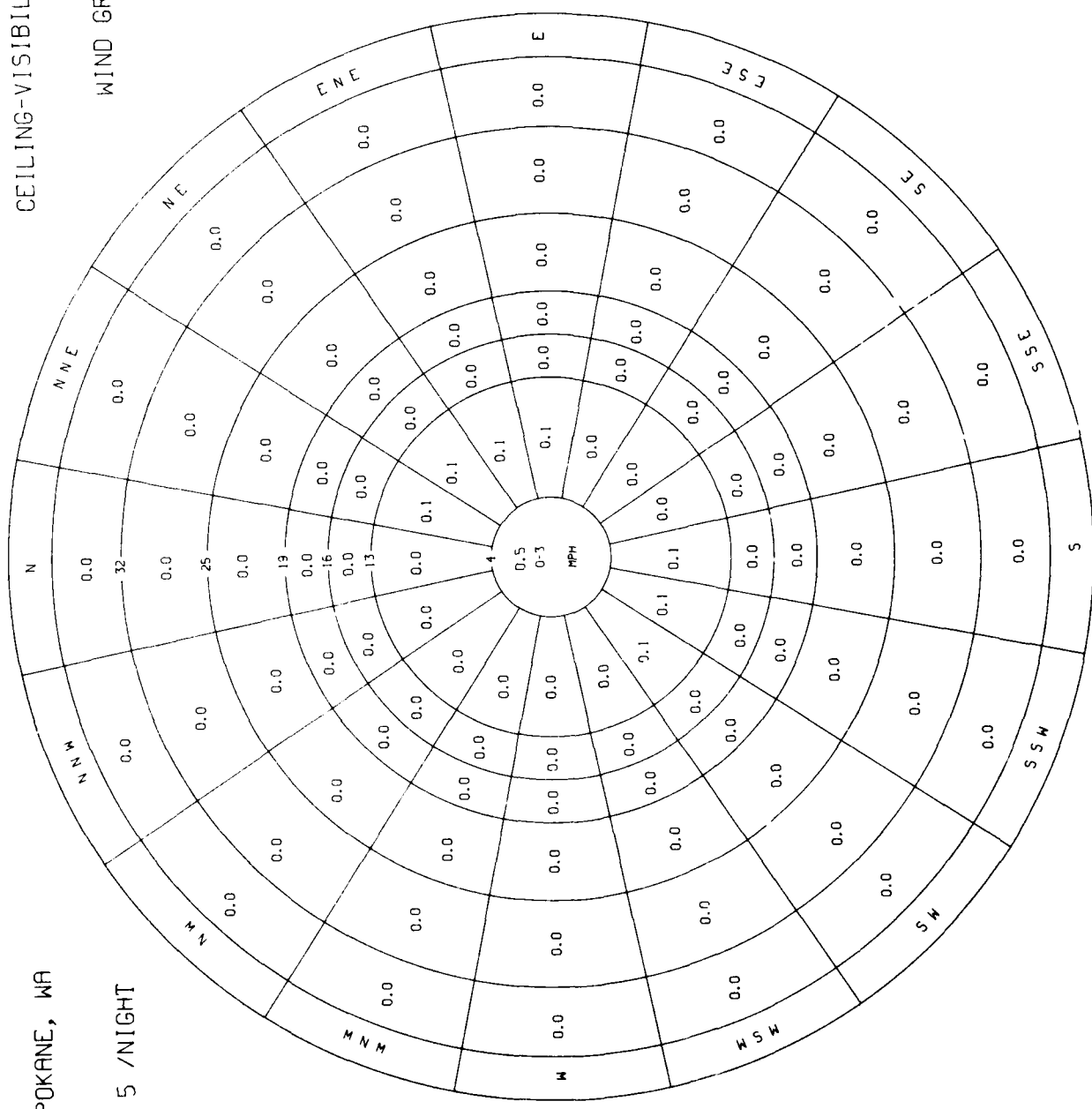
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	1.4	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	5.1
NNE	.0	2.1	.0	2.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.1	5.2
NE	.0	5.3	.1	12.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	18.0	5.8
ENE	.0	2.1	.1	12.7	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	15.5	6.7
E	.0	2.8	.0	3.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.5	4.8
ESE	.0	1.2	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.0
SE	.0	.7	.0	2.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	6.5
SSE	.0	.5	.0	4.8	.0	.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	6.0	7.5
S	.0	1.2	.0	4.8	.0	.7	.0	.2	.0	.0	.0	.0	.0	.0	.0	6.9	7.6
SSW	.0	.5	.0	6.0	.0	1.2	.0	.7	.0	.7	.0	.0	.0	.0	.0	9.0	9.8
SW	.0	.9	.0	4.6	.0	.7	.0	.2	.0	.9	.0	.0	.0	.0	.0	7.4	9.8
WSW	.0	1.8	.0	3.0	.0	.2	.0	.0	.0	.2	.0	.0	.0	.0	.0	5.3	6.1
W	.0	.9	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4	3.8
WNW	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.5
NW	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0
NNW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.5
CALM	.1	9.5													.1	9.5	
TOTAL	.3	31.4	.5	60.5	.0	4.2	.0	1.8	.0	2.1	.0	.0	.0	.0	.8	100	6.1

CEILING-VISIBILITY

WIND GRAPH

GEG SPOKANE, WA

CLASS 5 /NIGHT



AD-A108 168

NATIONAL CLIMATIC CENTER ASHEVILLE NC

F/6 4/2

WIND - CEILING - VISIBILITY DATA AT SELECTED AIRPORTS. VOLUME V--ETC(U)

JUN 81

DOT-FA79WAI-057

NL

UNCLASSIFIED

34
43
44

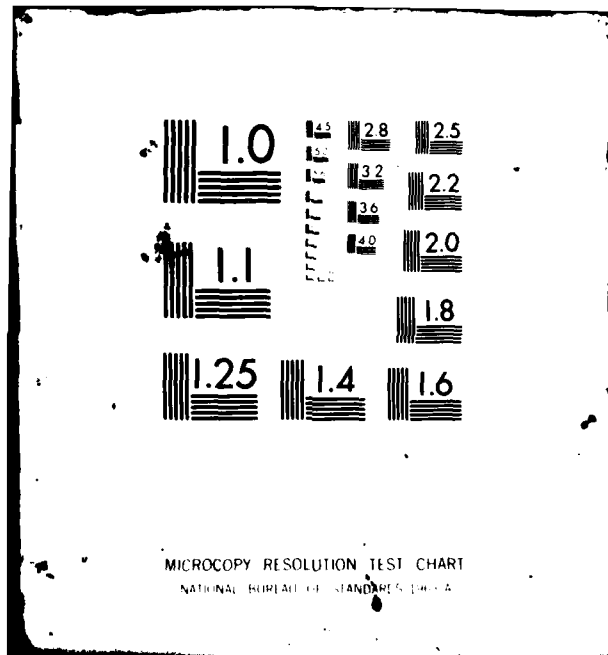
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MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS-1963-A

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

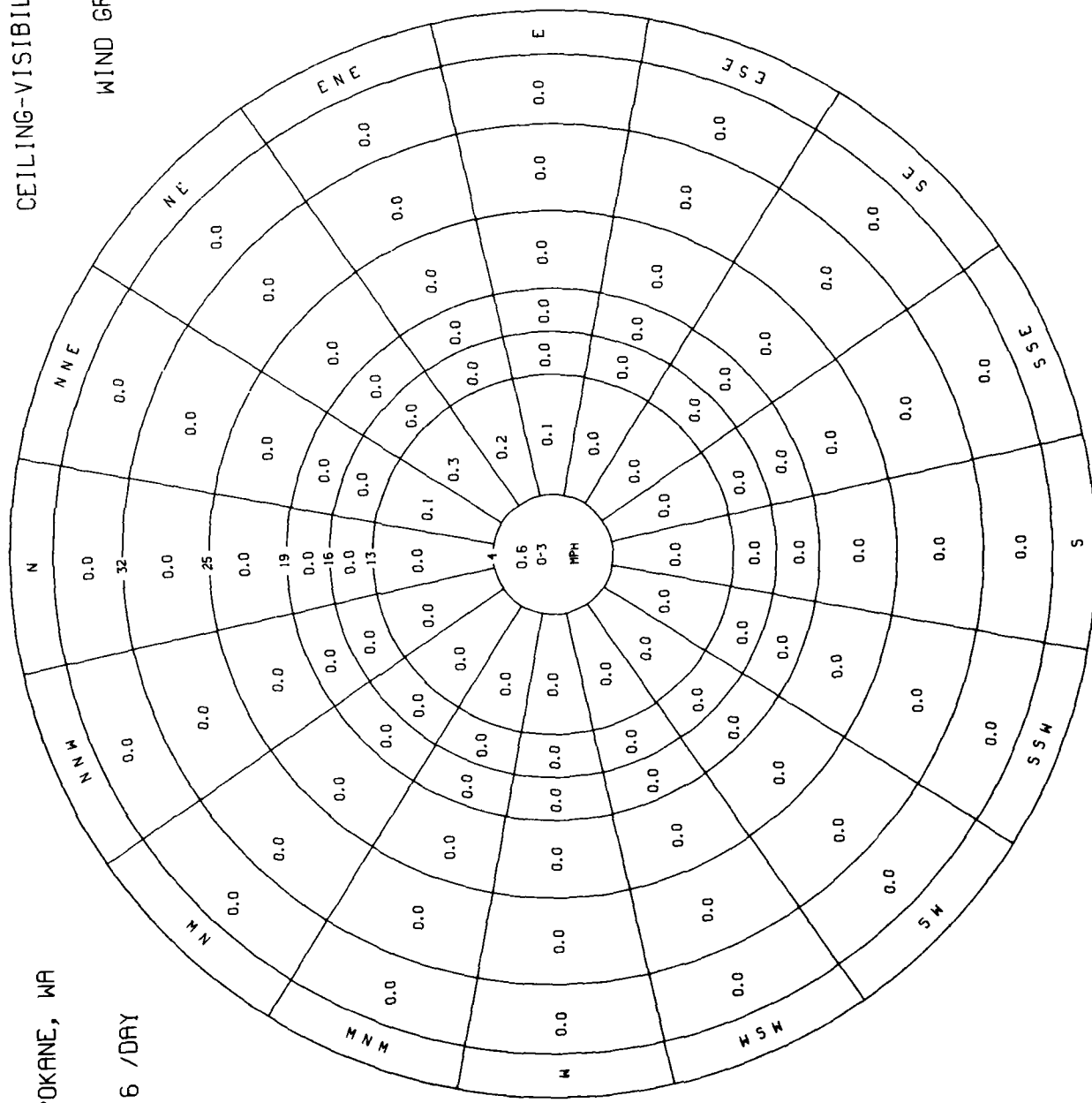
CLASS 5 / NIGHT

STATION NUMBER: 24157

NO. OBS.: 535

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B		C	D	
N	.0	.4	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.2	5.6	
NNE	.0	1.3	.1	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4	5.4	
NE	.1	5.0	.1	10.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.1	5.5	
ENE	.0	2.2	.1	9.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	12.0	5.9	
E	.0	2.4	.1	4.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.9	5.4	
ESE	.0	1.5	.0	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7	4.6	
SE	.0	2.6	.0	2.6	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	5.4	4.8	
SSE	.0	.6	.0	3.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	4.1	6.7	
S	.0	1.7	.1	6.0	.0	.7	.0	.2	.0	.2	.0	.0	.0	.0	.0	8.8	7.5	
SSW	.0	.6	.1	4.5	.0	.2	.0	.4	.0	.2	.0	.2	.0	.0	.0	6.0	8.7	
SW	.0	.7	.1	5.6	.0	.6	.0	.6	.0	.0	.0	.2	.0	.0	.0	7.7	8.4	
WSW	.0	.4	.0	2.4	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	3.0	6.8	
W	.0	.4	.0	1.1	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	1.7	6.4	
WNW	.0	.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	4.7	
NW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	5.0	
NNW	.0	.7	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	4.2	
CALM	.2	14.6													.2	14.6		
TOTAL	.5	35.5	.9	60.0	.0	1.9	.0	1.9	.0	.4	.0	.4	.0	.0	.0	14	100	5.3

CEILING-VISIBILITY
WIND GRAPH



GEG SPOKANE, WA

CLASS 6 /DAY

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 6 / DAY

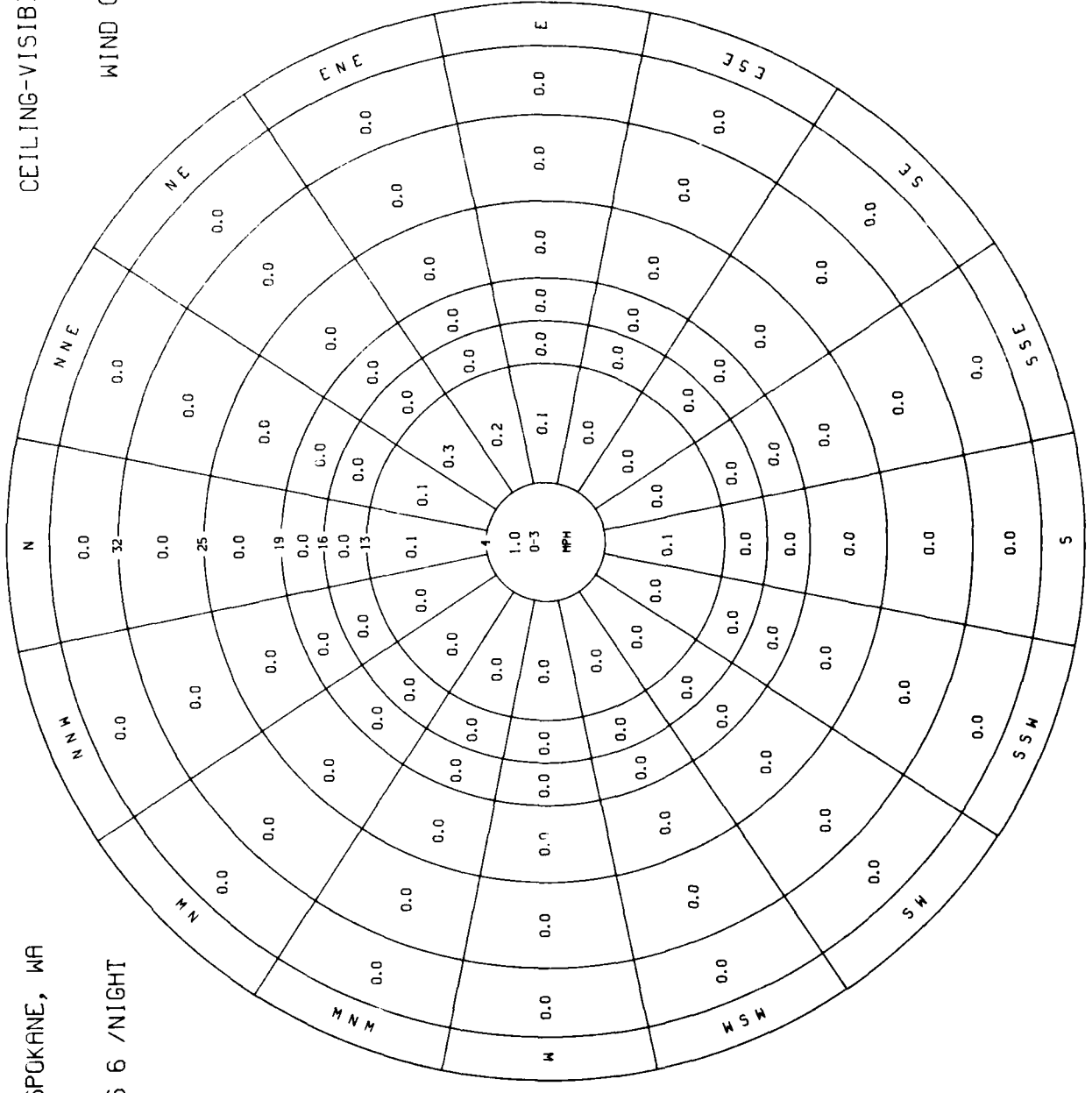
STATION NUMBER: 24157

NO. OBS.: 783

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.2	.0	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
NNE	.0	2.9	.1	5.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.7
NE	.1	8.3	.3	17.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	25.4
ENE	.1	5.4	.2	15.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	20.9
E	.0	2.6	.1	5.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	7.8
ESE	.0	1.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
SE	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
SSE	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.6
S	.0	.3	.0	2.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.7
SSW	.0	.5	.0	1.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	2.7
SW	.0	.3	.0	1.1	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	2.0
WSW	.0	.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
W	.0	.3	.0	.9	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	1.4
WNW	.0	.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0
NW	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
NNW	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
CALM	.2	12.0													12.0
TOTAL	.6	38.8	.9	59.5	.0	1.4	.0	.1	.0	.0	.0	.1	.0	.0	100
															4.9

CEILING-VISIBILITY

WIND GRAPH



GEG SPOKANE, WA

CLASS 6 /NIGHT

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: GEG SPOKANE, WA

PERIOD: 1948-1978

CLASS 6 / NIGHT

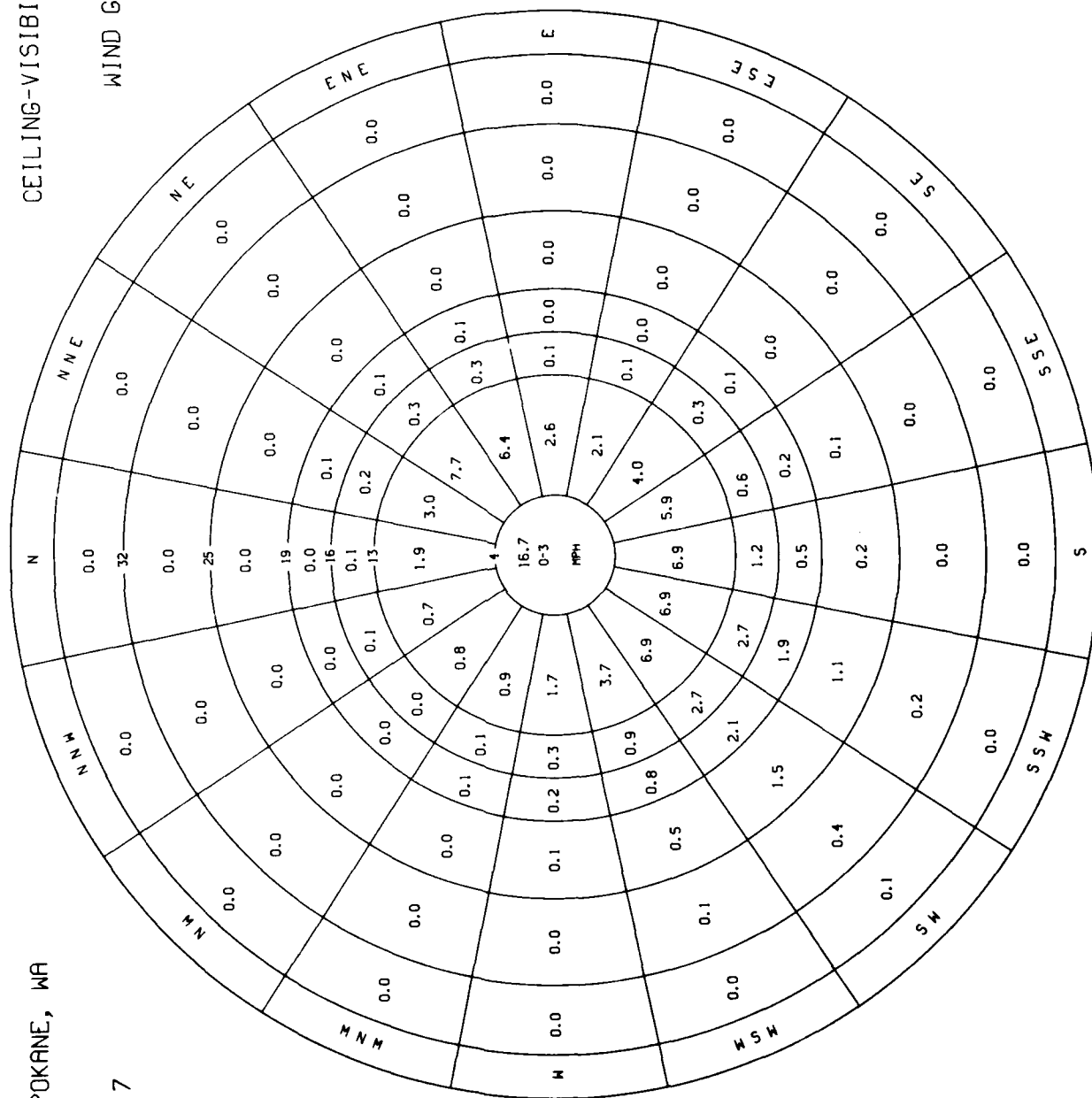
STATION NUMBER: 24157

NO. OBS.: 816

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	2.1	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	4.4
NNE	.1	2.7	.1	6.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	8.8	5.6
NE	.1	6.4	.3	15.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.5	21.7	5.4
ENE	.1	5.5	.2	11.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	16.8	5.3
E	.0	2.2	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	5.5	4.8
ESE	.0	.7	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	4.8
SE	.0	1.5	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	3.2	4.8
SSE	.0	.7	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	5.9
S	.0	.6	.1	2.6	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1	3.3	6.2
SSW	.0	.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.6	5.6
SW	.0	1.0	.0	1.6	.0	.2	.0	.0	.0	.0	.1	.0	.0	.0	.1	2.9	6.9
WSW	.0	1.0	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	4.8
W	.0	1.5	.0	1.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.7	4.8
WNW	.0	.6	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.8
NW	.0	1.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	3.5
NNW	.0	.6	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.4
CALM	.4	16.9													.4	16.9	
TOTAL	1.0	46.0	1.2	53.3	.0	.5	.0	.1	.0	.0	.0	.1	.0	.0	2.2	100	4.3

CEILING-VISIBILITY

WIND GRAPH



GEG SPOKANE, WA

CLASS 7

CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

CLASS 1 / DAY

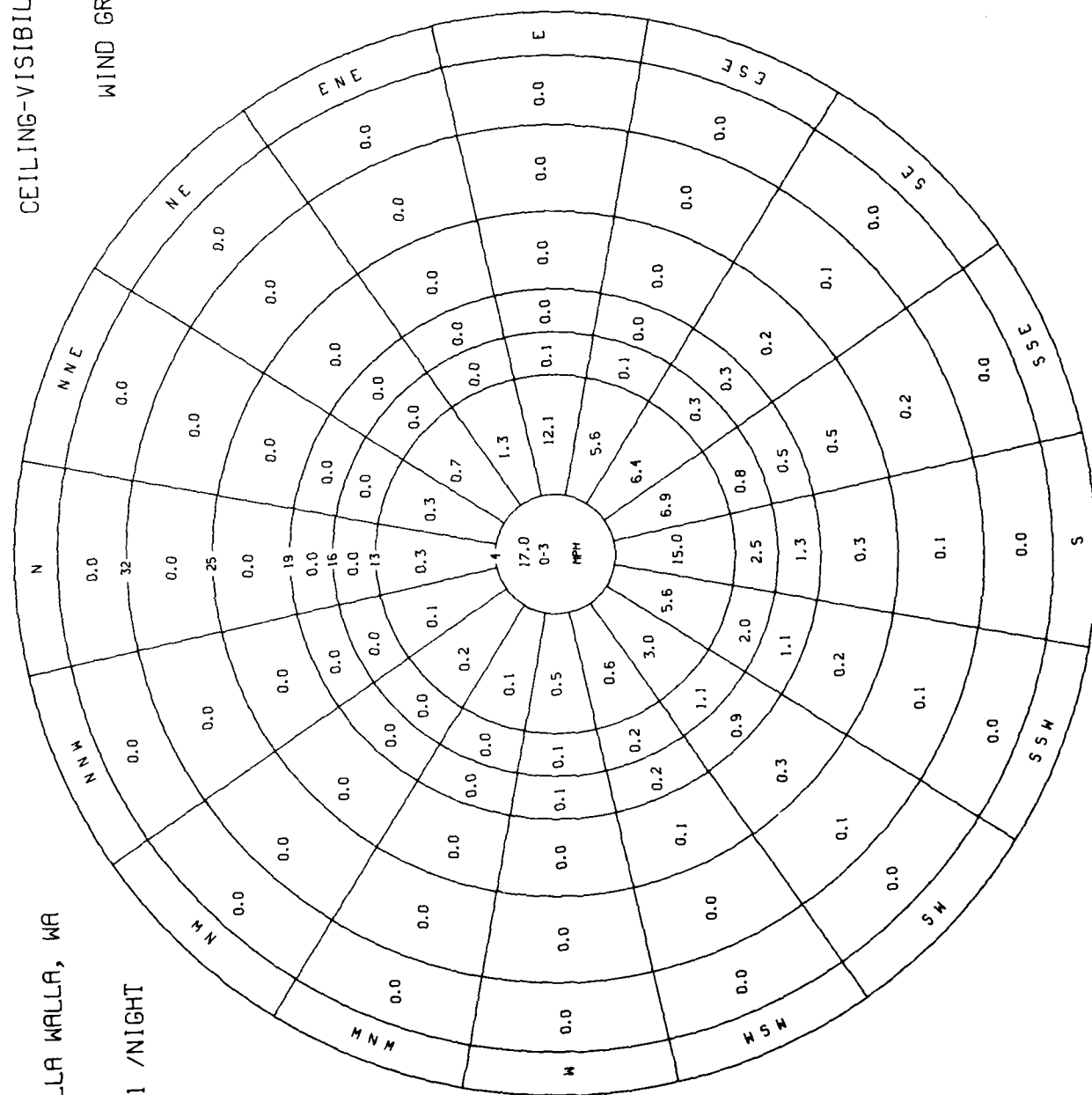
STATION NUMBER: 24160

NO. OBS.: 36149

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.4	.4	1.6	1.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.2 2.3 7.1
NNE	.1	.2	.7	.8	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.1 1.2 8.6
NE	.4	.5	1.3	1.4	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.8 2.0 7.0
ENE	.1	.1	.6	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 .9 7.1
E	.9	1.0	2.3	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.2 3.5 5.7
ESE	.4	.5	1.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.7 5.9
SE	1.1	1.2	2.6	2.9	.2	.2	.2	.2	.1	.1	.1	.1	.0	.0	4.3 4.7 7.5
SSE	.5	.6	3.2	3.4	.5	.6	.4	.5	.3	.4	.1	.1	.0	.0	5.1 5.5 10.2
S	1.4	1.5	9.4	10.2	1.7	1.8	1.0	1.0	.3	.3	.1	.1	.0	.0	13.7 14.9 9.3
SSW	.6	.7	7.3	7.9	2.0	2.2	1.1	1.2	.3	.3	.0	.0	.0	.0	11.3 12.3 10.4
SW	1.1	1.2	9.6	10.4	2.4	2.6	1.8	2.0	.7	.8	.2	.2	.0	.0	15.8 17.1 10.6
WSW	.5	.5	4.7	5.1	1.2	1.3	1.2	1.3	.7	.8	.3	.3	.1	.1	8.6 9.4 12.0
W	1.1	1.2	4.2	4.6	.5	.5	.4	.4	.2	.2	.1	.1	.0	.0	6.5 7.0 8.4
WNW	.3	.4	1.5	1.7	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	2.1 2.3 7.6
NW	.7	.8	2.0	2.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.9 3.1 6.4
NNW	.2	.2	.9	.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.3 7.0
CALM	9.9	10.8													9.9 10.8
TOTAL	20.0	21.6	53.0	57.4	9.1	9.9	6.4	7.0	2.9	3.1	.8	.9	.2	.2	92.3 100 8.3

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ALW WALLA WALLA, WA

CLASS 1 / NIGHT

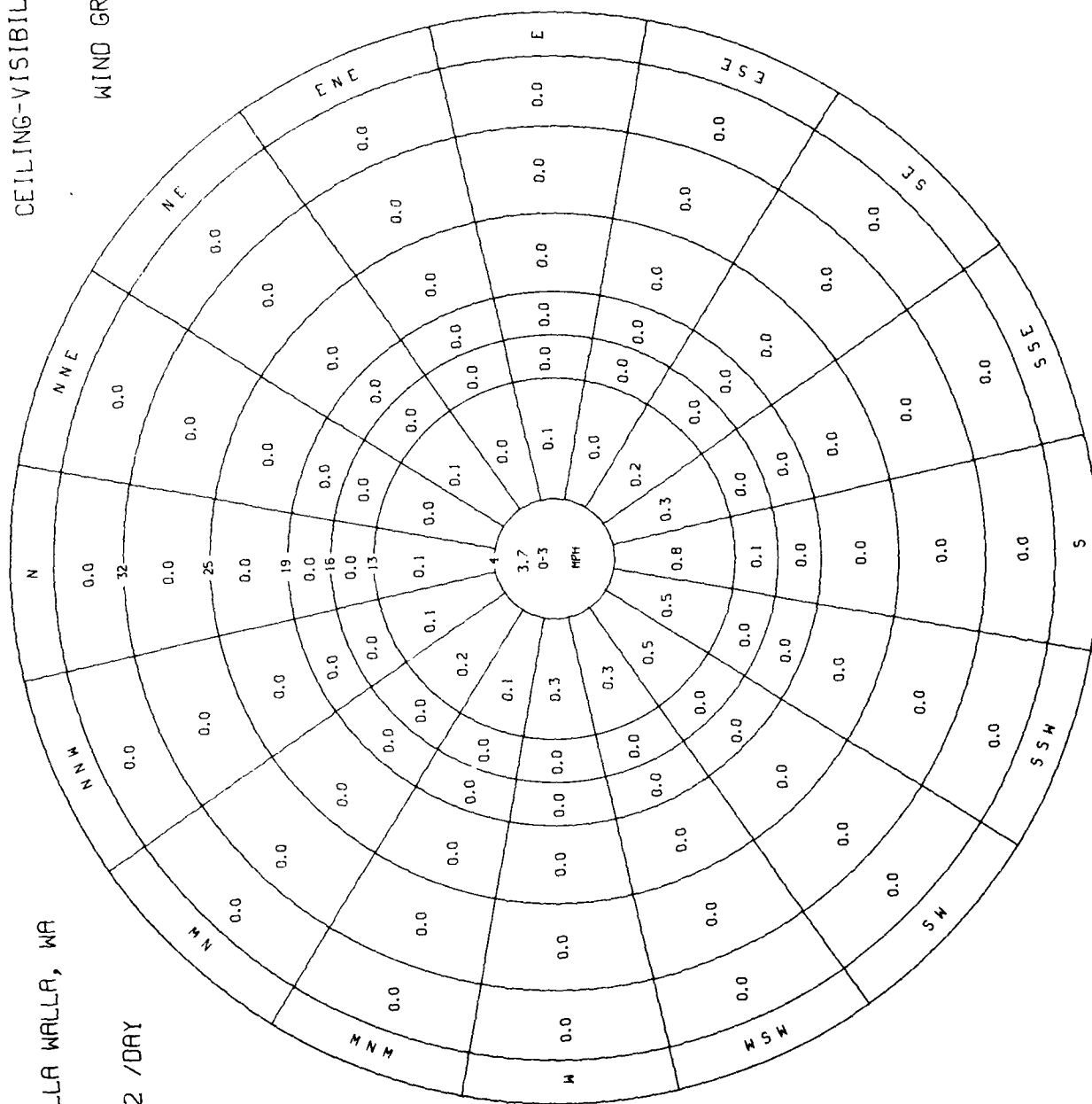
NO. OBS.: 25217

STATION NUMBER: 24160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5
NNE	.1	.1	.3	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
NE	.3	.3	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1
ENE	.2	.2	1.3	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
E	2.4	2.7	12.1	13.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.5
ESE	1.1	1.3	5.6	6.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	14.6
SE	2.1	2.3	6.4	7.1	.3	.3	.3	.3	.2	.3	.1	.1	.0	.0	6.9
SSE	.9	1.0	6.9	7.6	.8	.8	.5	.6	.5	.5	.2	.2	.0	.0	9.4
S	1.3	1.4	15.0	16.6	2.5	2.8	1.3	1.5	.3	.4	.1	.1	.0	.0	9.7
SSW	.4	.4	5.6	6.2	2.0	2.3	1.1	1.2	.2	.3	.1	.1	.0	.0	20.5
SW	.4	.4	3.0	3.4	1.1	1.2	.9	1.0	.3	.3	.1	.1	.0	.0	9.5
WSW	.1	.1	.6	.7	.2	.2	.2	.2	.1	.2	.0	.0	.0	.0	5.9
W	.2	.2	.5	.5	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	1.3
WNW	.0	.0	.1	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
NW	.1	.2	.2	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NNW	.0	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
CALM	7.4	8.1													.5
TOTAL	17.0	18.8	58.9	65.2	7.3	8.0	4.6	5.1	1.8	2.0	.6	.6	.1	.2	7.4
															8.1
															100
															8.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

CLASS 2 / DAY

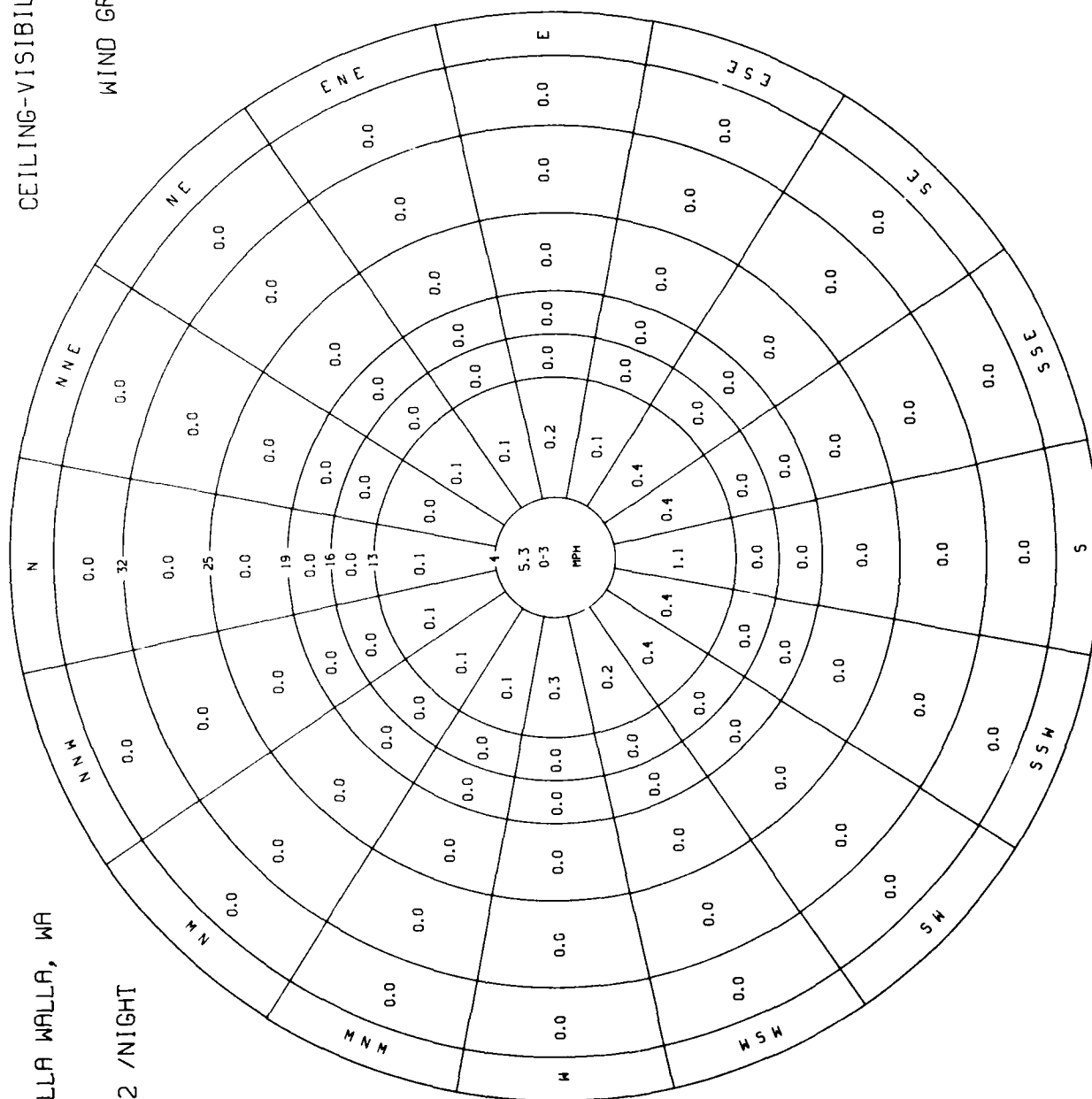
NO. OBS.: 3003

STATION NUMBER: 24160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.8	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	5.1
NNE	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.1
NE	.1	.7	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.4	4.3
ENE	.0	.1	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.9
E	.1	.7	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.8	5.0
ESE	.0	.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.9	4.9
SE	.1	1.5	.2	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	4.1	5.2
SSE	.1	.7	.3	3.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.0	.4	4.7	7.2
S	.3	3.4	.8	11.1	.1	.7	.0	.5	.0	.1	.0	.0	.0	.0	.0	1.2	15.8	7.0
SSW	.1	1.2	.5	6.0	.0	.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.6	8.1	7.6
SW	.2	2.9	.5	7.0	.0	.3	.0	.3	.0	.2	.0	.1	.0	.0	.0	.8	10.7	6.7
WSW	.1	.7	.3	3.4	.0	.1	.0	.3	.0	.1	.0	.2	.0	.0	.0	.4	4.9	8.7
W	.2	2.0	.3	4.5	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.5	6.9	6.4
WNW	.1	1.0	.1	1.8	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	3.1	6.3
NW	.1	1.2	.2	2.0	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.3	3.4	5.5
NNW	.0	.6	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	4.3
CALM	2.3	30.2														2.3	30.2	
TOTAL	3.7	48.2	3.6	46.6	.2	2.1	.1	1.8	.1	.8	.0	.5	.0	.1		7.7	100	4.7

ALW WALLA WALLA, WA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

CLASS 2 / NIGHT

NO. OBS.: 2698

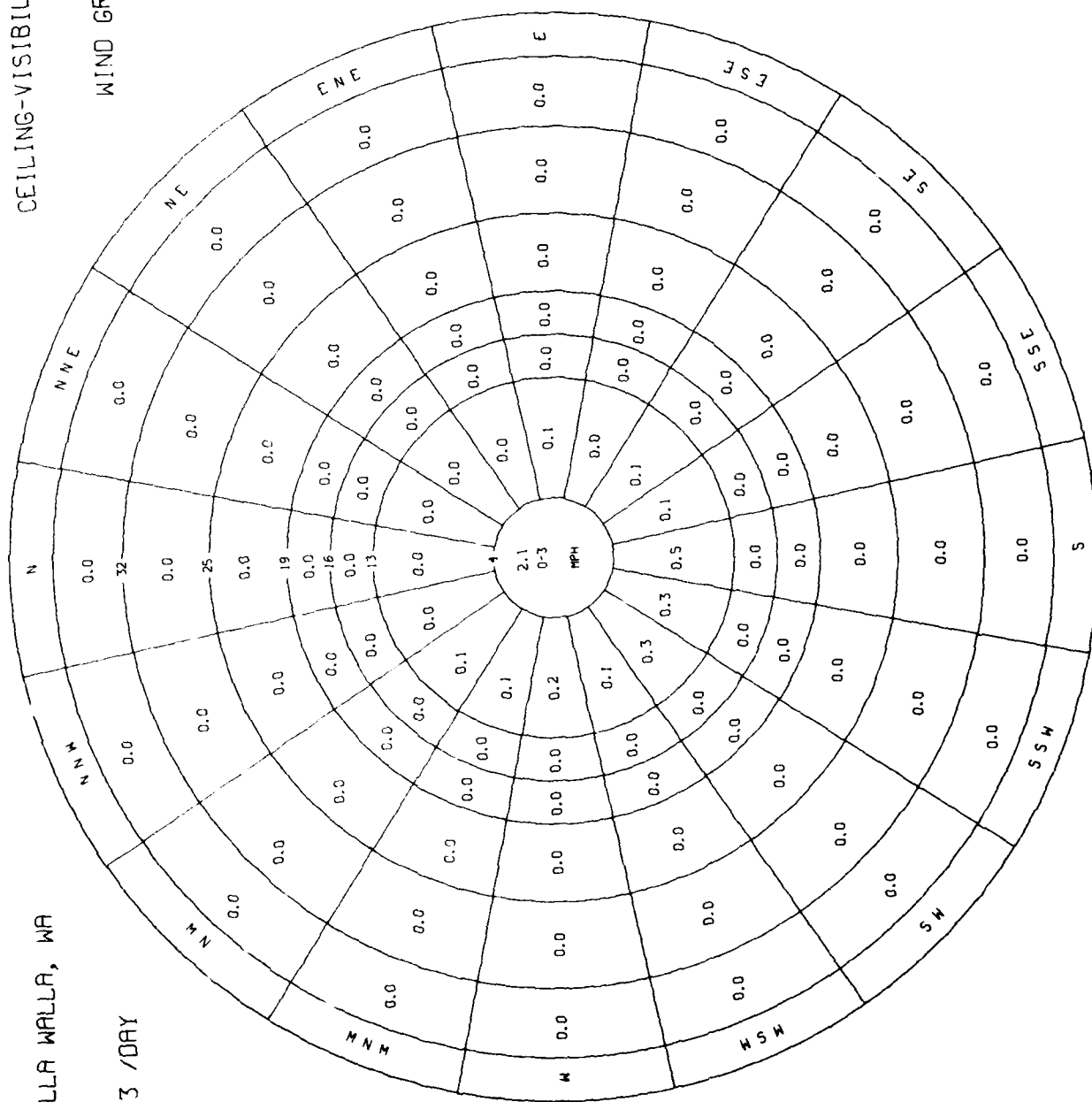
STATION NUMBER: 24160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.1	.5	.1	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.5
NNE	.0	.2	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.6	4.3
NE	.1	.9	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.6	4.3
ENE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.1	4.9
E	.1	1.1	.2	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.8	4.7
ESE	.0	.4	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.0	5.5
SE	.2	1.9	.4	3.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6	5.7	5.4
SSE	.2	1.7	.4	4.4	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	6.5	6.3
S	.3	3.2	1.1	11.6	.0	.4	.0	.4	.0	.1	.0	.0	.0	.0	.0	1.5	15.7	6.7
SSW	.1	1.1	.4	4.5	.0	.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.6	6.1	6.8
SW	.2	2.3	.4	4.3	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.7	6.9	5.8
WSW	.1	.9	.2	2.6	.0	.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.4	3.7	6.6
W	.2	1.7	.3	3.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.5	5.5	6.0
WNW	.1	.9	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.6
NW	.1	1.0	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.4	4.7
NNW	.0	.5	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.2	5.4
CALM	3.5	36.1														3.5	36.1	
TOTAL	5.3	54.7	4.1	42.3	.2	1.6	.1	.9	.0	.3	.0	.1	.0	.0	.0	9.7	100	3.8

ALW WALLA WALLA, WA

WIND GRAPH

CLASS 3 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

CLASS 3 / DAY

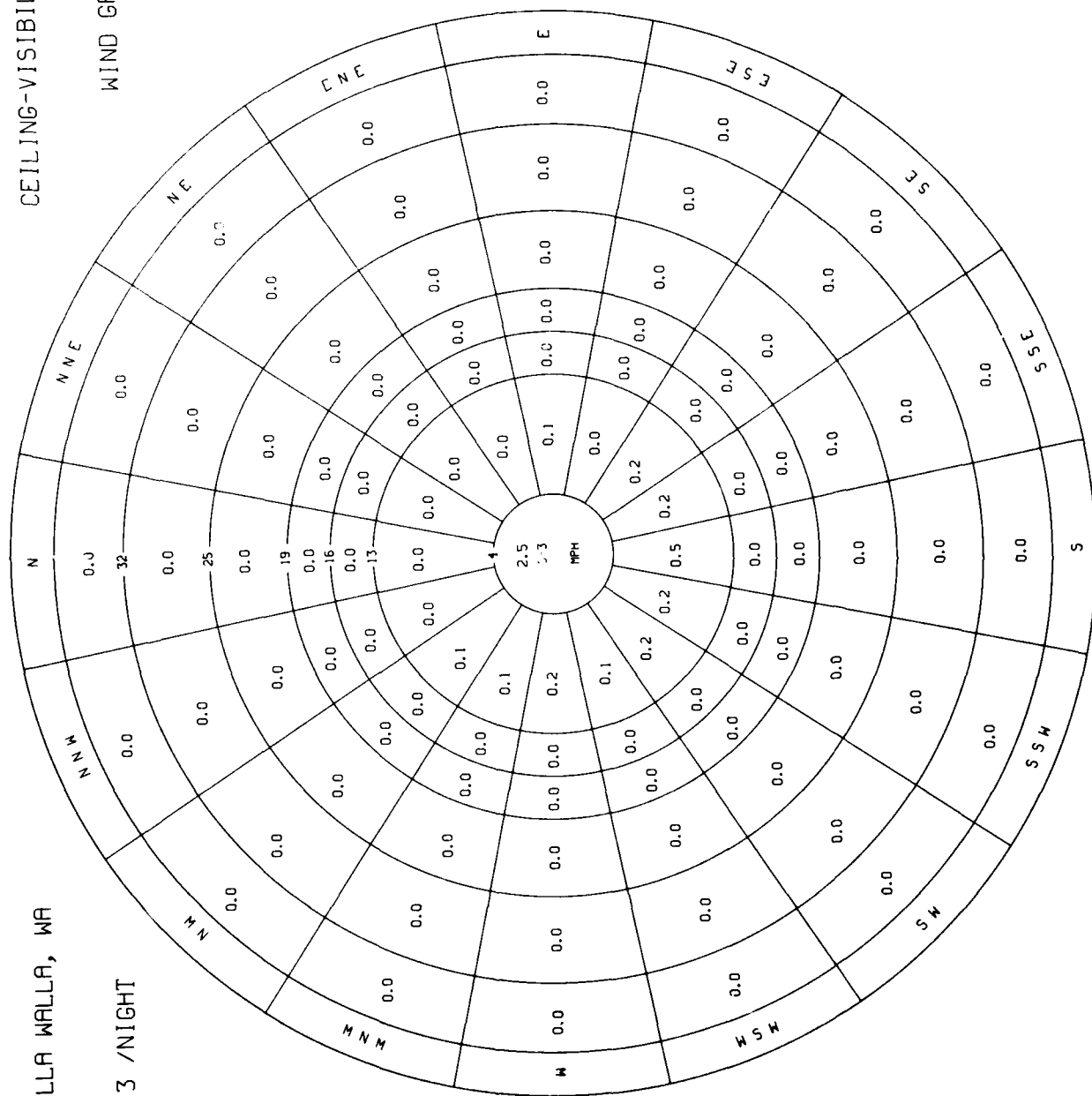
STATION NUMBER: 24160

NO. OBS.: 1759

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	.9	.0	1.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.1	2.0	5.4
NNE	.0	.1	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.4
NE	.0	.9	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.7	4.3
ENE	.0	.2	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	6.1
E	.0	1.0	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.1	2.2	5.0
ESE	.0	.2	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	5.0
SE	.1	1.4	.1	2.4	.0	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	3.9	5.4
SSE	.0	.5	.1	2.9	.0	.3	.0	.2	.0	.2	.0	.0	.0	.0	.0	.2	4.0	8.4
S	.1	2.9	.5	10.8	.0	1.0	.0	.7	.0	.1	.0	.0	.0	.0	.0	.7	15.5	7.5
SSW	.0	1.0	.3	5.6	.0	.6	.0	.4	.0	.2	.0	.1	.0	.0	.0	.4	7.8	8.3
SW	.1	2.8	.3	7.0	.0	.3	.0	.3	.0	.3	.0	.1	.0	.1	.0	.5	10.9	7.2
WSW	.0	.7	.1	3.2	.0	.2	.0	.3	.0	.2	.0	.4	.0	.0	.0	.2	5.1	9.7
W	.1	2.2	.2	5.0	.0	.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.3	7.7	6.3
WNW	.1	1.2	.1	2.3	.0	.1	.0	.2	.0	.1	.0	.1	.0	.0	.0	.2	3.9	6.5
NW	.1	1.5	.1	2.2	.0	.1	.0	.1	.0	.1	.0	.0	.0	.0	.0	.2	4.0	5.8
NNW	.0	.8	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	1.6	4.2
CALM	1.2	27.5														1.2	27.5	
TOTAL	2.1	45.7	2.1	47.1	.1	2.7	.1	2.5	.1	1.3	.0	.7	.0	.1	.0	4.5	100	5.1

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

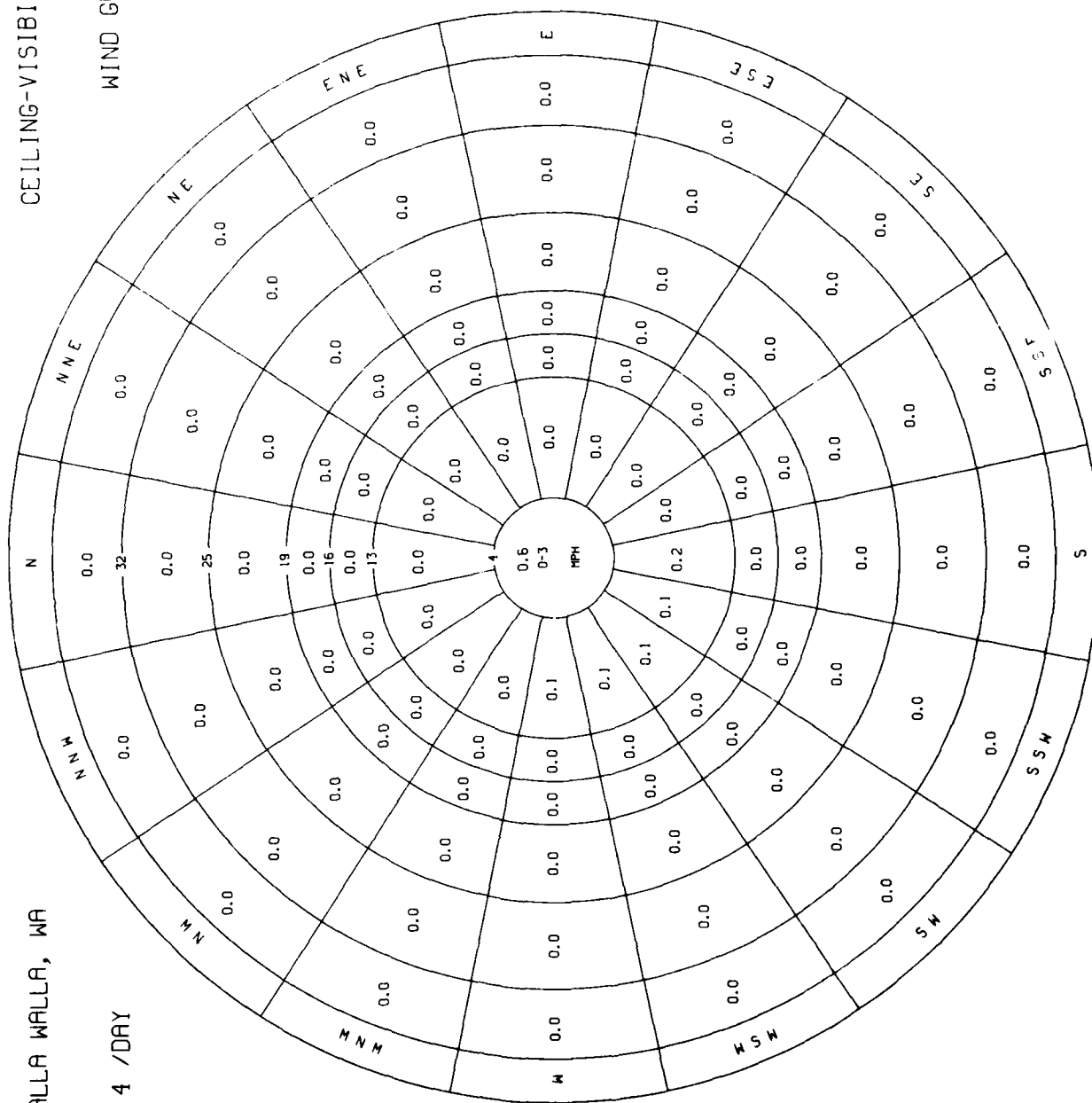
CLASS 3 / NIGHT

STATION NUMBER: 24160

NO. OBS.: 1266

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.2
NNE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 .9
NNE	.1	1.1	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.1
ENE	.0	.5	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.0
E	.1	1.7	.1	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.2
ESE	.0	.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.1
SE	.1	2.5	.2	3.4	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.3 6.2
SSE	.1	1.8	.2	3.4	.0	.4	.0	.2	.0	.1	.0	.0	.0	.0	.3 5.9
S	.1	2.4	.5	10.9	.0	.6	.0	.6	.0	.2	.0	.0	.0	.0	.7 14.6
SSW	.1	1.1	.2	4.0	.0	.4	.0	.2	.0	.1	.0	.1	.0	.0	.3 5.9
SW	.1	1.4	.2	3.5	.0	.2	.0	.2	.0	.1	.0	.0	.0	.0	.2 5.3
WSW	.0	.6	.1	2.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.2 3.5
W	.1	2.0	.2	3.3	.0	.1	.0	.0	.0	.0	.0	.0	.0	.1	.2 5.5
WNW	.0	.9	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.4
NW	.0	.8	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
NNW	.0	.5	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.4
CALM	1.6	36.3													1.6 36.3
TOTAL	2.5	55.0	1.8	40.8	.1	2.2	.1	1.5	.0	.4	.0	.1	.0	.1	4.5 100
															3.9

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

CLASS 4 / DAY

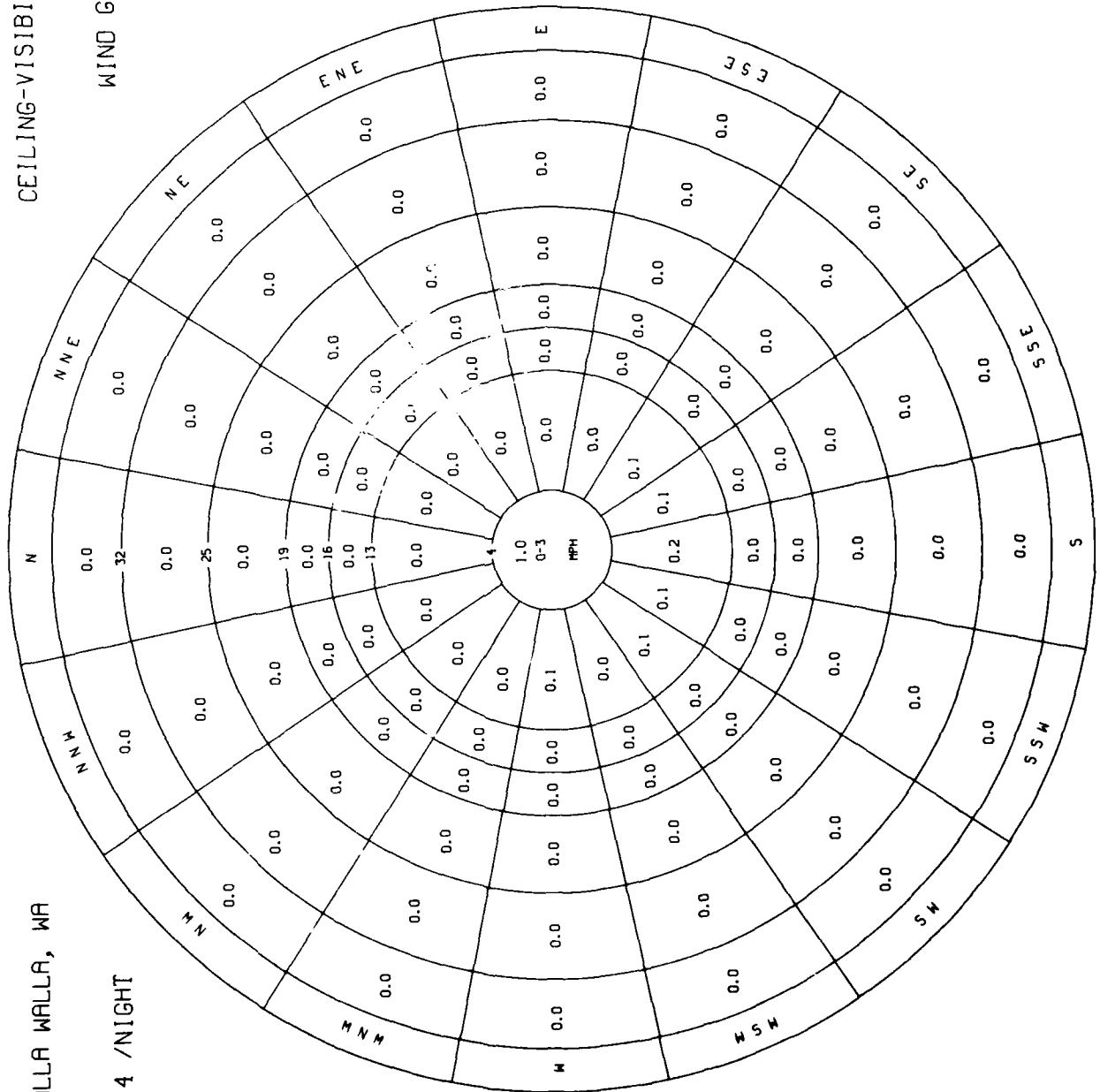
STATION NUMBER: 24160

NO. OBS.: 492

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			
N	.0	.8	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	4.3
NNE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
NE	.0	.2	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.7
ENE	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	3.0
E	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.2
ESE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.7
SE	.0	1.8	.0	2.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.3	5.0
SSE	.0	1.2	.0	3.5	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.9	6.5
S	.1	4.3	.2	12.2	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.2	17.3	6.6
SSW	.0	1.2	.1	7.7	.0	.6	.0	.4	.0	.2	.0	.0	.0	.0	.1	10.2	7.4
SW	.0	2.8	.1	6.9	.0	.4	.0	.2	.0	.0	.0	.2	.0	.0	.1	10.6	6.6
WSW	.0	.4	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.1	4.9	7.9
W	.0	2.8	.1	4.3	.0	.0	.0	.0	.0	.0	.0	.2	.0	.2	.1	7.5	6.7
WNW	.0	1.0	.0	.8	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	5.4
NW	.0	.6	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4	5.2
NNW	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.5
CALM	.4	29.5													.4	29.5	
TOTAL	.6	48.2	.6	48.0	.0	1.6	.0	1.2	.0	.2	.0	.4	.0	.4	1.3	100	4.6

ALW WALLA WALLA, WA

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: ALW WALLA WALLA, WA

PERIOD: 1948-1978

CLASS 4 / NIGHT

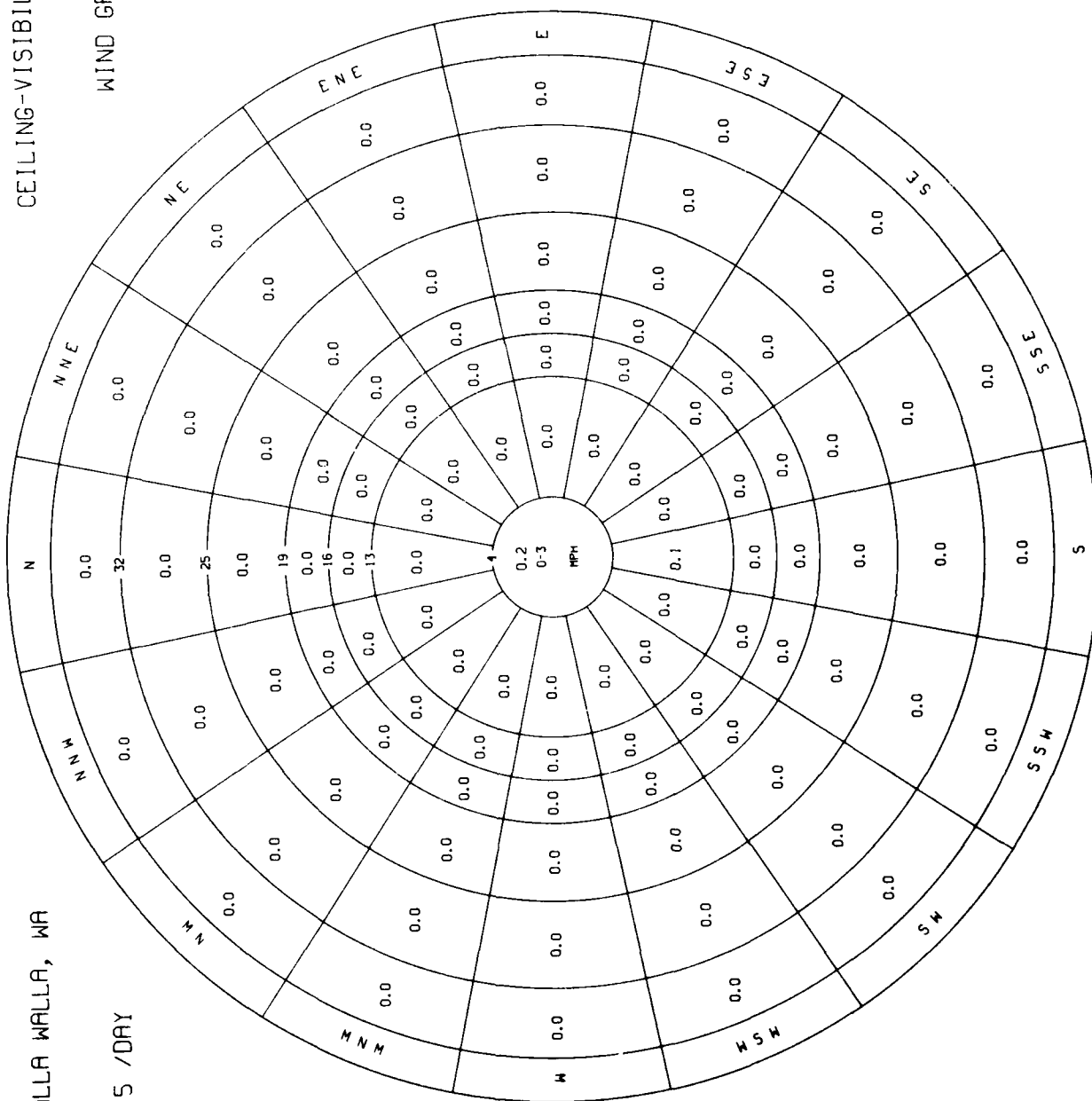
STATION NUMBER: 24160

NO. OBS.: 497

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
NNE	.0	.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
NNE	.0	1.0	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ENE	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
E	.0	.4	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6
ESE	.0	.8	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2
SE	.0	1.2	.1	3.2	.0	.2	.0	.0	.0	.0	.0	.0	.0	.1	4.6
SSE	.0	1.8	.1	5.2	.0	.2	.0	.2	.0	.0	.0	.0	.0	.1	7.4
S	.1	3.0	.2	10.7	.0	.4	.0	.2	.0	.0	.0	.0	.0	.3	14.3
SSW	.0	1.2	.1	4.2	.0	.4	.0	.0	.0	.0	.0	.0	.0	.1	5.8
SW	.1	4.4	.1	5.6	.0	.2	.0	.0	.0	.0	.0	.0	.0	.2	10.3
WSW	.0	.6	.0	2.4	.0	.4	.0	.0	.0	.2	.0	.0	.0	.1	3.6
W	.0	1.8	.1	2.8	.0	.2	.0	.2	.0	.0	.0	.2	.0	.1	5.2
WNW	.0	1.2	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.4
NW	.0	1.2	.0	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	2.8
NNW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
CALM	.6	35.0												.6	35.0
TOTAL	1.0	54.7	.8	42.3	.0	2.0	.0	.6	.0	.2	.0	.2	.0	.0	1.8
															100
															3.8

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ALW WALLA WALLA, WA

CLASS 5 / DAY

NO. OBS.: 199

STATION NUMBER: 24160

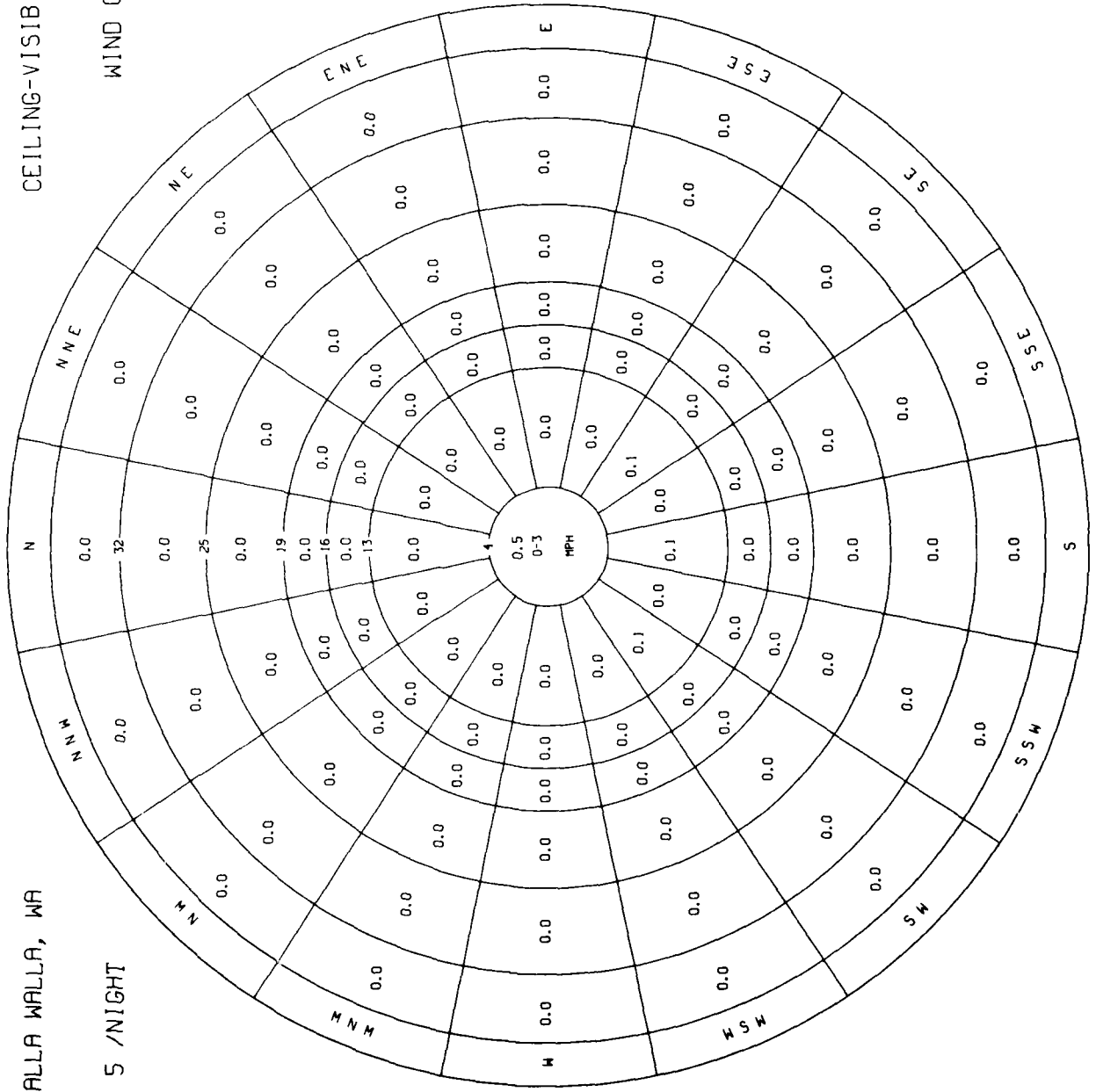
D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.5
NNE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	3.0
NE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.0
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	6.0
ESE	.0	.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	5.8
SE	.0	1.0	.0	3.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.0	5.5
SSE	.0	.0	.0	3.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.9
S	.0	6.5	.1	12.1	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.1	19.6	5.8
SSW	.0	3.0	.0	7.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.6	6.2
SW	.0	1.5	.0	7.0	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	9.5	6.9
WSW	.0	.5	.0	2.5	.0	.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	3.5	8.0
W	.0	.5	.0	4.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.5	7.5
WNW	.0	1.5	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.1
NW	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	4.3
NNW	.0	.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	6.5
CALM	.2	30.2													.2	30.2	
TOTAL	.2	48.7	.2	47.7	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.5	100	4.3

CEILING-VISIBILITY

WIND GRAPH

ALW WALLA WALLA, WA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ALW WALLA WALLA, WA

CLASS 5 / NIGHT

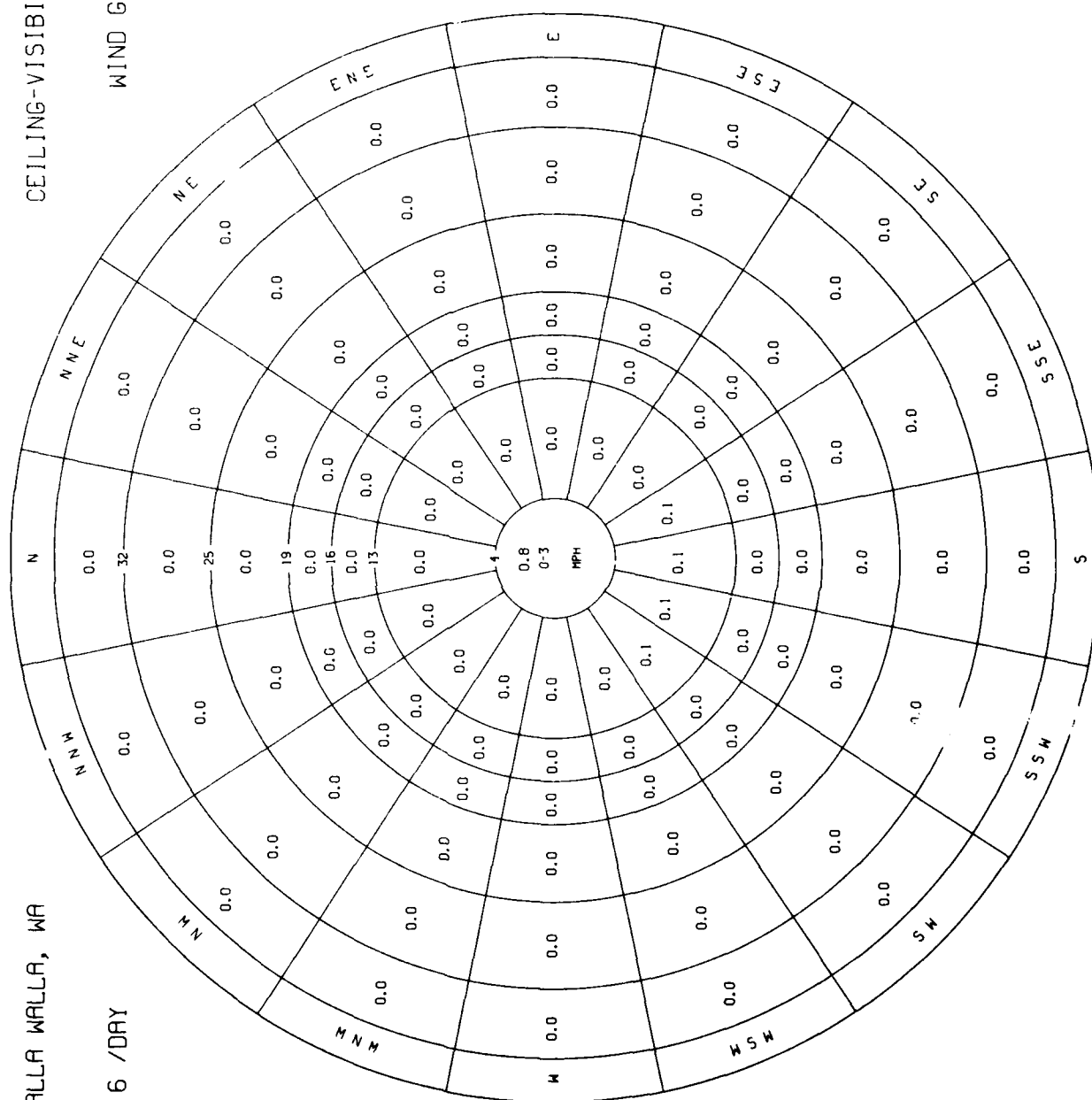
NO. OBS.: 256

STATION NUMBER: 24160

D I R	SPEED GROUPS (MPH)															AVG WIND SPEED	
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C		D
N	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.5
NNE	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	3.0
NE	.0	.0	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	5.5
ENE	.0	.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	6.0
E	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	4.0
ESE	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2	5.7
SE	.0	1.2	.1	6.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.8	6.3
SSE	.0	1.2	.0	5.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	5.8
S	.0	3.5	.1	10.9	.0	.4	.0	.8	.0	.0	.0	.0	.0	.0	.1	15.6	6.9
SSW	.0	1.6	.0	4.7	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.6	5.7
SW	.0	2.7	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	10.2	5.1
WSW	.0	.8	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5	5.6
W	.0	.4	.0	2.0	.0	.4	.0	.0	.0	.4	.0	.0	.0	.0	.0	3.1	9.6
WNW	.0	2.0	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3	3.3
NW	.0	1.6	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7	4.1
NNW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8	2.5
CALM	.3	36.7													.3	36.7	
TOTAL	.5	54.3	.4	43.4	.0	1.2	.0	.8	.0	.4	.0	.0	.0	.0	.9	100	3.7

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ALW WALLA WALLA, WA

CLASS 6 / DAY

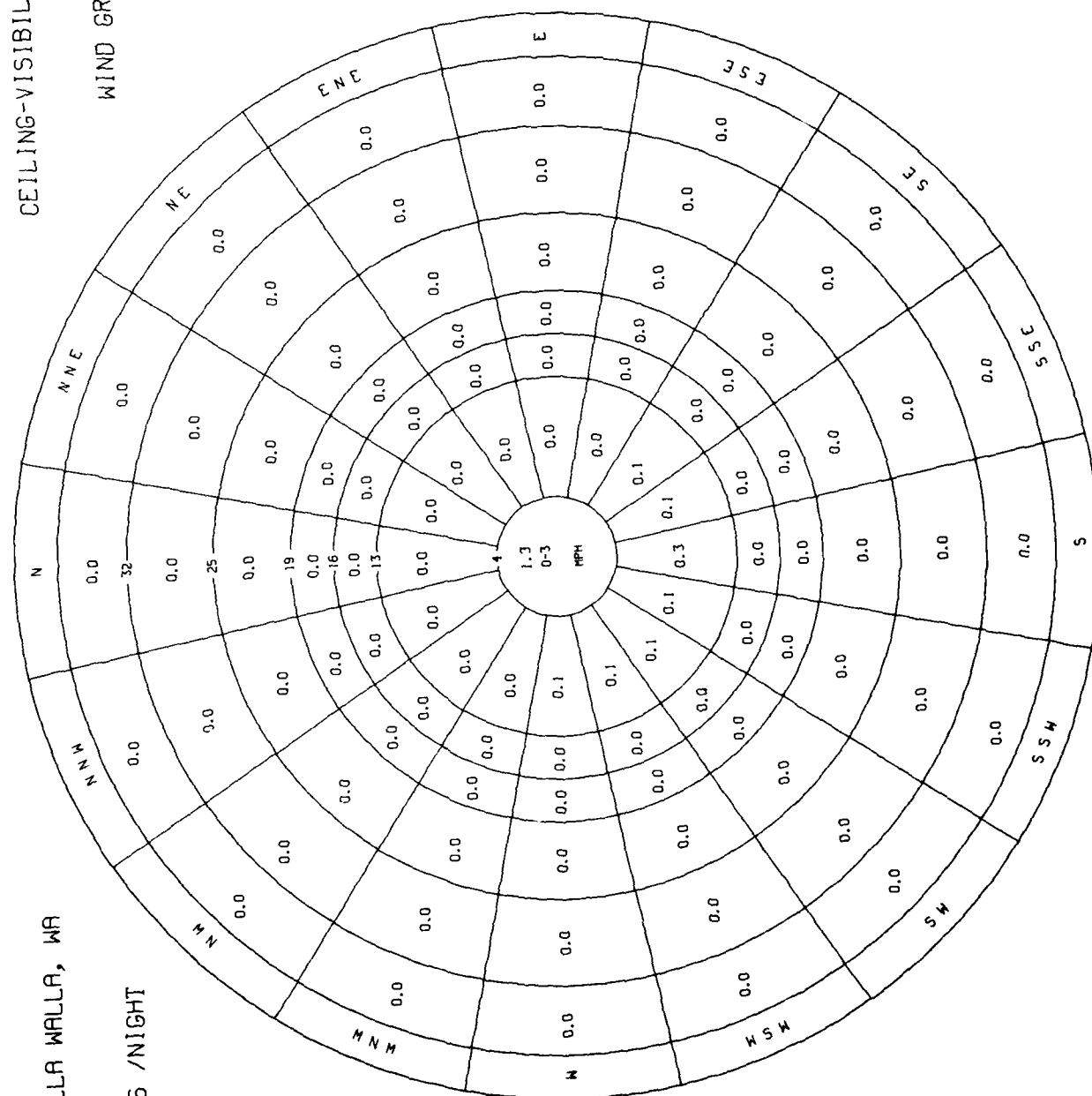
NO. OBS.: 553

STATION NUMBER: 24160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.4	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9	4.8
NNE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	2.5
NE	.0	.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	4.3
ENE	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
E	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
ESE	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.0
SE	.0	1.8	.0	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.7	4.8
SSE	.0	1.4	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	7.1	5.8
S	.0	3.1	.1	10.5	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.2	13.7	6.1
SSW	.0	.9	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	6.3	6.4
SW	.1	3.8	.1	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	10.7	5.0
WSW	.0	1.1	.0	3.4	.0	.2	.0	.2	.0	.0	.0	.0	.0	.0	.1	4.9	6.3
W	.0	1.1	.0	3.3	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.5	5.8
WNW	.0	.4	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.6	6.0
NW	.0	.4	.0	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.2	5.2
NNW	.0	.4	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.2
CALM	.6	39.4													.6	39.4	
TOTAL	.8	56.1	.6	43.2	.0	.5	.0	.2	.0	.0	.0	.0	.0	.0	1.4	100	3.4

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: ALW WALLA WALLA, WA

CLASS 6 / NIGHT

NO. OBS.: 679

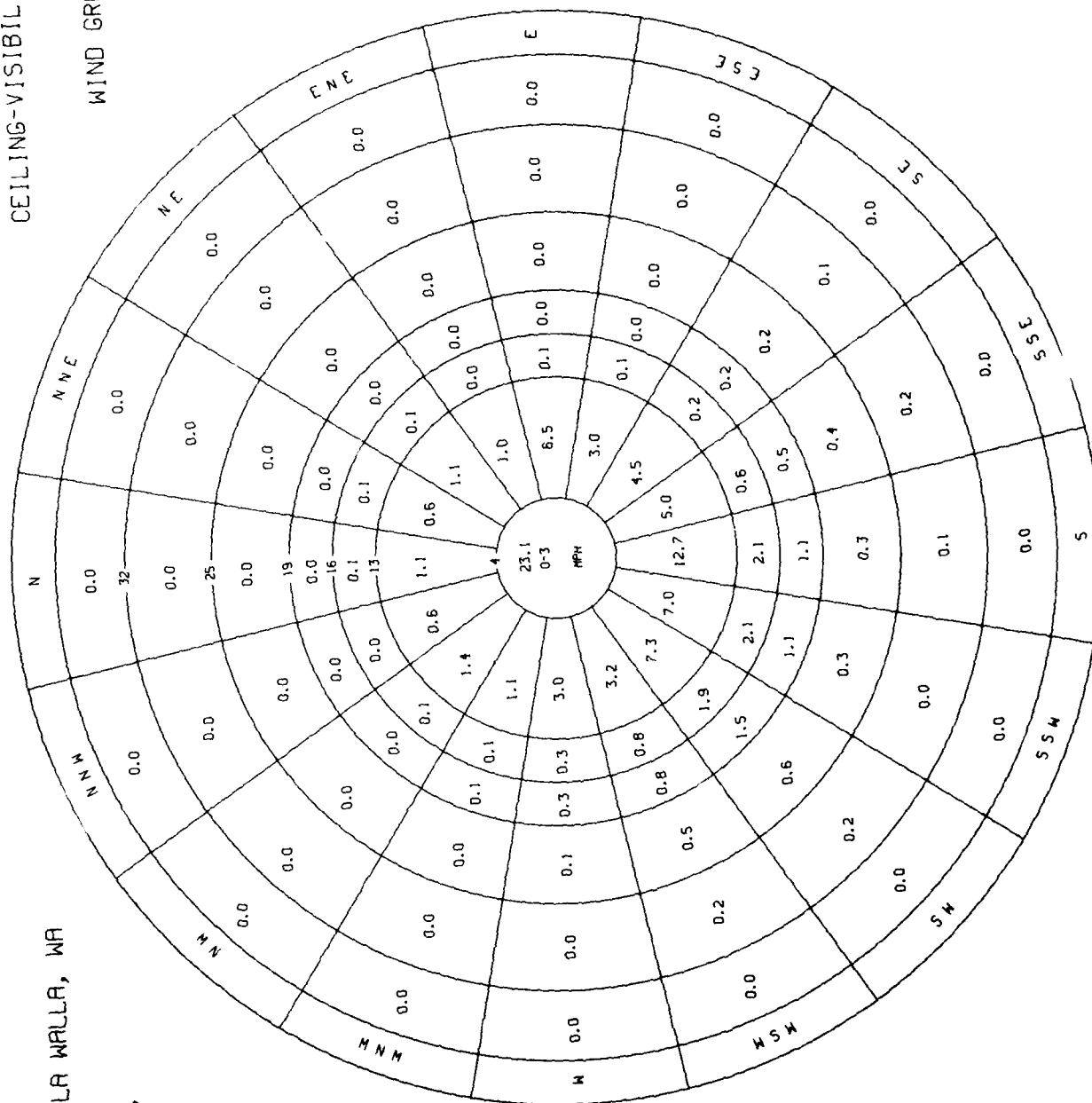
STATION NUMBER: 24160

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED		
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL	
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C
N	.0	.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.4
NNE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0
NE	.0	.7	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	3.6
ENE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	4.4
E	.0	.7	.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
ESE	.0	.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	8.8
SE	.0	1.5	.1	3.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.9	5.7
SSE	.0	1.5	.1	5.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	7.1	5.9
S	.1	4.7	.3	13.7	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.5	18.7	6.0
SSW	.0	.9	.1	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	6.3	5.8
SW	.1	2.4	.1	3.5	.0	.1	.0	.0	.0	.1	.0	.0	.0	.0	.2	6.2	5.5
WSW	.0	1.5	.1	2.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	4.4	5.6
W	.0	1.8	.1	4.7	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.2	6.6	5.7
WNW	.0	.1	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.3
NW	.0	.9	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.9	4.8
NNW	.0	.4	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	4.8
CALM	.9	36.4													.9	36.4	
TOTAL	1.3	54.5	1.1	44.6	.0	.4	.0	.1	.0	.3	.0	.0	.0	.0	.2	41.00	3.6

CEILING-VISIBILITY WIND GRAPH

ALW WALLA WALLA, WA

CLASS 7

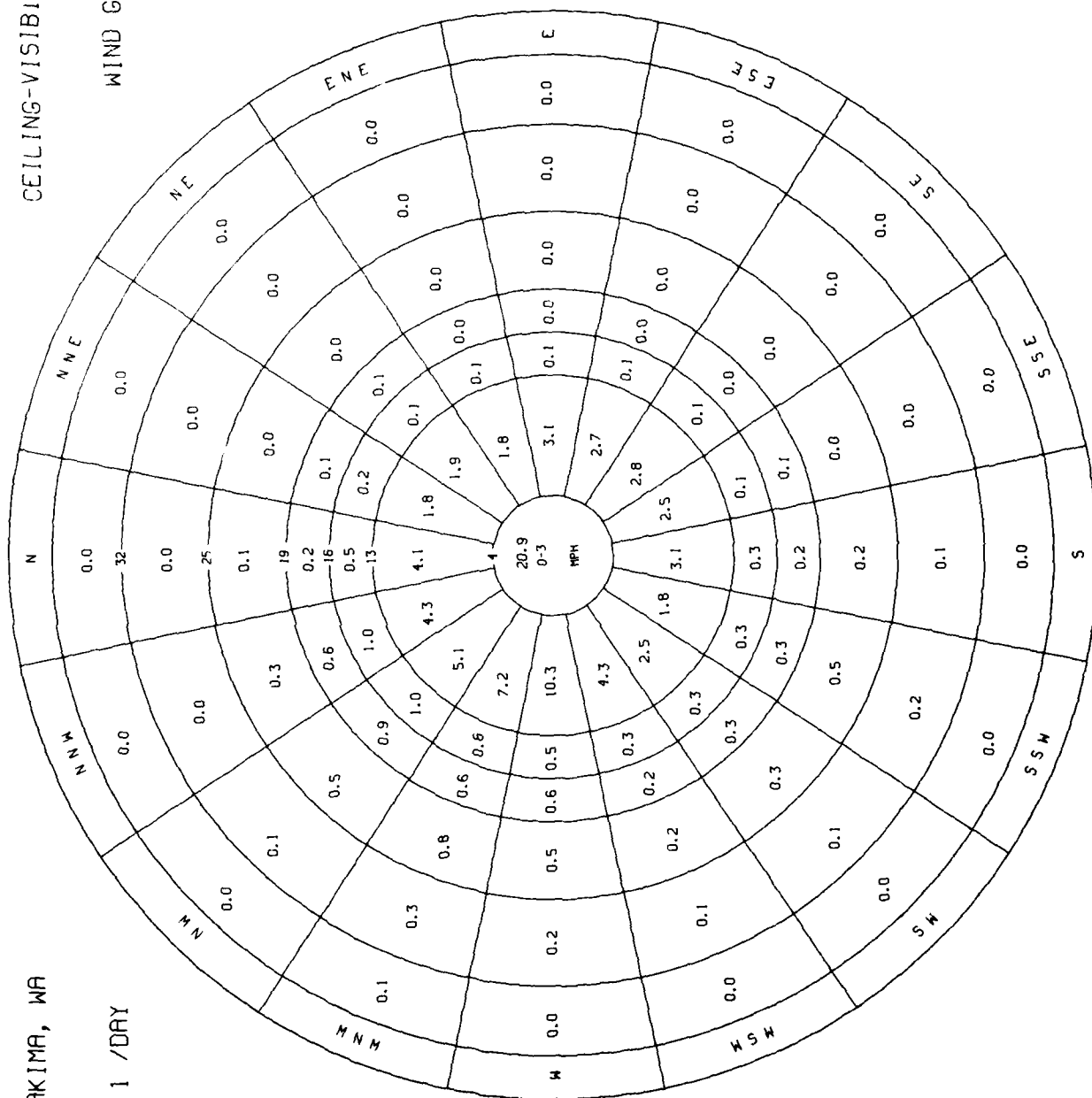


CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 1 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

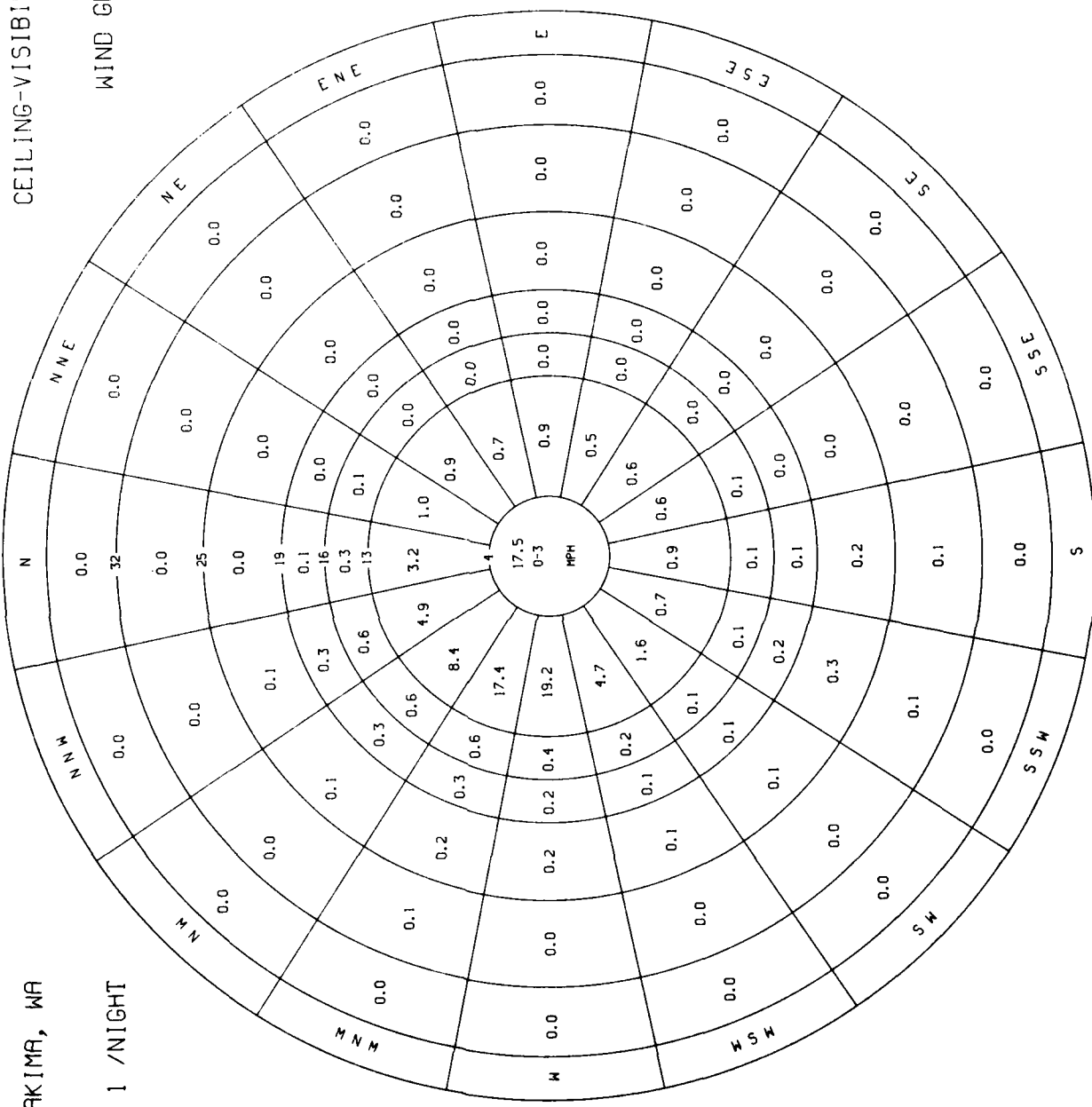
CLASS 1 / DAY

STATION NUMBER: 24243

NO. OBS.: 48106

D I R	SPEED GROUPS (MPH)																AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	C	D	
N	1.0	1.0	4.1	4.3	.5	.5	.2	.2	.1	.1	.0	.0	.0	.0	5.7	6.0	7.8
NNE	.6	.6	1.8	1.9	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	2.7	2.8	7.3
NE	.8	.8	1.9	2.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.0	3.2	6.7
ENE	.7	.7	1.8	1.9	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	2.6	2.7	6.2
E	1.0	1.1	3.1	3.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	4.1	4.4	6.0
ESE	.8	.9	2.7	2.8	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.6	3.8	6.0
SE	1.0	1.0	2.8	3.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	3.9	4.1	6.2
SSE	.8	.8	2.5	2.6	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	3.5	3.7	6.6
S	1.3	1.3	3.1	3.3	.3	.3	.2	.3	.2	.2	.1	.1	.0	.0	5.2	5.5	7.8
SSW	.8	.8	1.8	1.9	.3	.3	.3	.3	.5	.5	.2	.2	.0	.0	3.9	4.2	10.8
SW	1.0	1.0	2.5	2.6	.3	.3	.3	.3	.3	.3	.1	.1	.0	.0	4.5	4.8	9.0
WSW	1.0	1.1	4.3	4.6	.3	.3	.2	.2	.2	.2	.1	.1	.0	.0	6.1	6.4	7.7
W	1.9	2.0	10.3	10.9	.5	.6	.6	.6	.5	.5	.2	.2	.0	.0	14.0	14.8	8.1
WNW	1.4	1.5	7.2	7.6	.6	.7	.6	.7	.8	.8	.3	.3	.1	.1	11.1	11.7	9.5
NW	1.2	1.3	5.1	5.4	1.0	1.0	.9	.9	.5	.6	.1	.1	.0	.0	8.7	9.3	9.8
NNW	.9	.9	4.3	4.5	1.0	1.1	.6	.6	.3	.3	.0	.0	.0	.0	7.1	7.5	9.5
CALM	4.9	5.2													4.9	5.2	
TOTAL	20.9	22.1	59.1	62.6	5.4	5.7	4.1	4.4	3.5	3.7	1.1	1.2	.2	.2	94.4	100	7.8

CEILING-VISIBILITY
WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 1 / NIGHT

STATION NUMBER: 24243

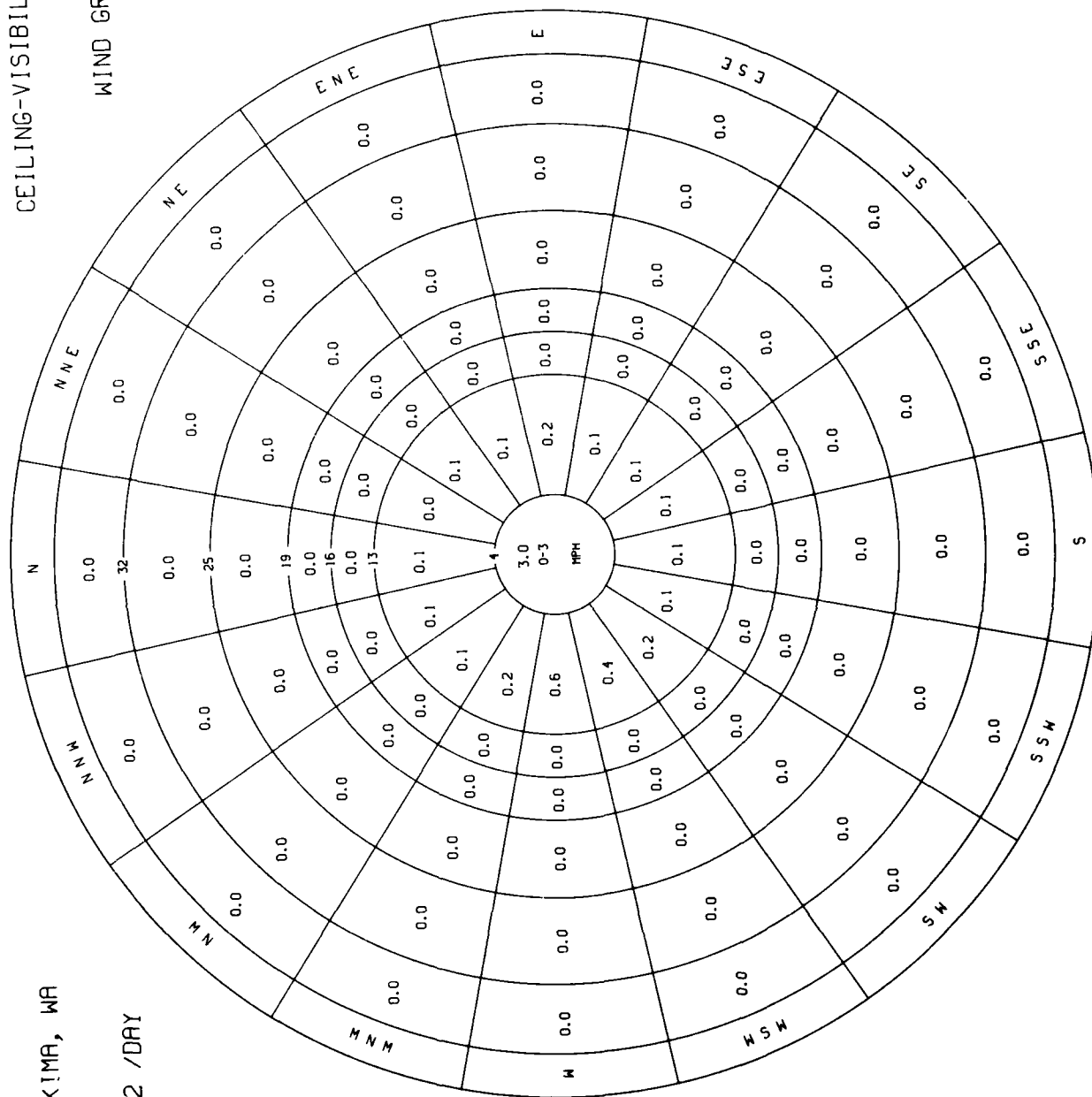
NO. OBS.: 35764

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.8	.9	3.2	3.5	.3	.4	.1	.1	.0	.0	.0	.0	.0	.0	4.5 4.9
NNE	.4	.4	1.0	1.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.6 1.7
NE	.6	.7	.9	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5 1.7
ENE	.4	.5	.7	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.2 1.3
E	.4	.4	.9	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3 1.4
ESE	.3	.4	.5	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 .9
SE	.3	.3	.6	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9 1.0
SSE	.3	.3	.6	.6	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	1.0 1.1
S	.5	.5	.9	1.0	.1	.1	.1	.2	.2	.2	.1	.1	.0	.0	1.9 2.1
SSW	.5	.5	.7	.8	.1	.2	.2	.2	.3	.3	.1	.1	.0	.0	1.9 2.1
SW	.6	.7	1.6	1.7	.1	.2	.1	.1	.1	.2	.0	.0	.0	.0	2.7 2.9
WSW	.9	1.0	4.7	5.1	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	6.0 6.6
W	2.4	2.7	19.2	21.2	.4	.5	.2	.2	.2	.2	.0	.0	.0	.0	22.5 24.8
WNW	1.9	2.1	17.4	19.1	.6	.6	.3	.3	.2	.2	.1	.1	.0	.0	20.4 22.5
NW	1.7	1.9	8.4	9.3	.6	.7	.3	.3	.1	.2	.0	.0	.0	.0	11.2 12.3
NNW	1.0	1.1	4.9	5.5	.6	.6	.3	.3	.1	.1	.0	.0	.0	.0	6.9 7.6
CALM	4.5	5.0													4.5 5.0
TOTAL	17.5	19.3	66.1	72.9	3.4	3.8	1.8	2.0	1.3	1.4	.4	.5	.1	.1	90.7 100
															7.1

WIND GRAPH

YKM YAKIMA, WA

CLASS 2 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 2 / DAY

STATION NUMBER: 24243

NO. OBS.: 2843

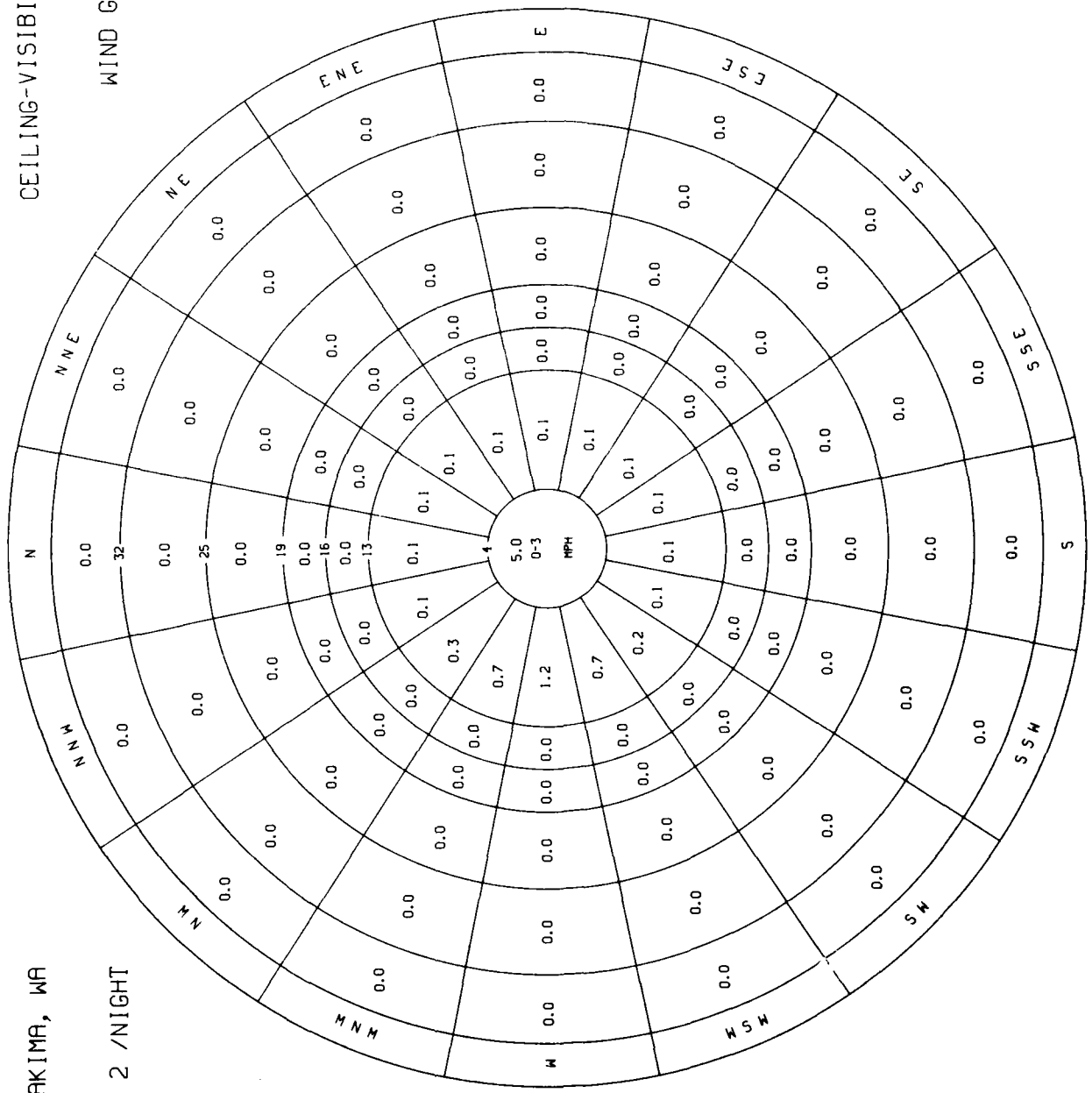
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.5	.1	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.4
NNE	.0	.7	.0	.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.5
NE	.1	1.6	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.9
ENE	.1	1.2	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.7
E	.1	2.3	.2	3.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.5
ESE	.1	1.8	.1	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.9
SE	.1	2.0	.1	2.5	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.5
SSE	.1	1.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.2
S	.1	2.5	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.2
SSW	.1	1.5	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.8
SW	.1	2.6	.2	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 5.4
WSW	.2	3.0	.4	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.6 10.0
W	.3	5.5	.6	10.2	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.9 15.8
WNW	.2	3.1	.2	4.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 7.5
NW	.1	2.4	.1	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.7
NNW	.1	1.3	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.7
CALM	1.1	19.2													1.1 19.2
TOTAL	3.0	53.6	2.6	45.7	.0	.4	.0	.1	.0	.0	.0	.0	.0	.0	5.6 100
															3.9

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 2 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 2 / NIGHT

STATION NUMBER: 24243

NO. OBS.: 3665

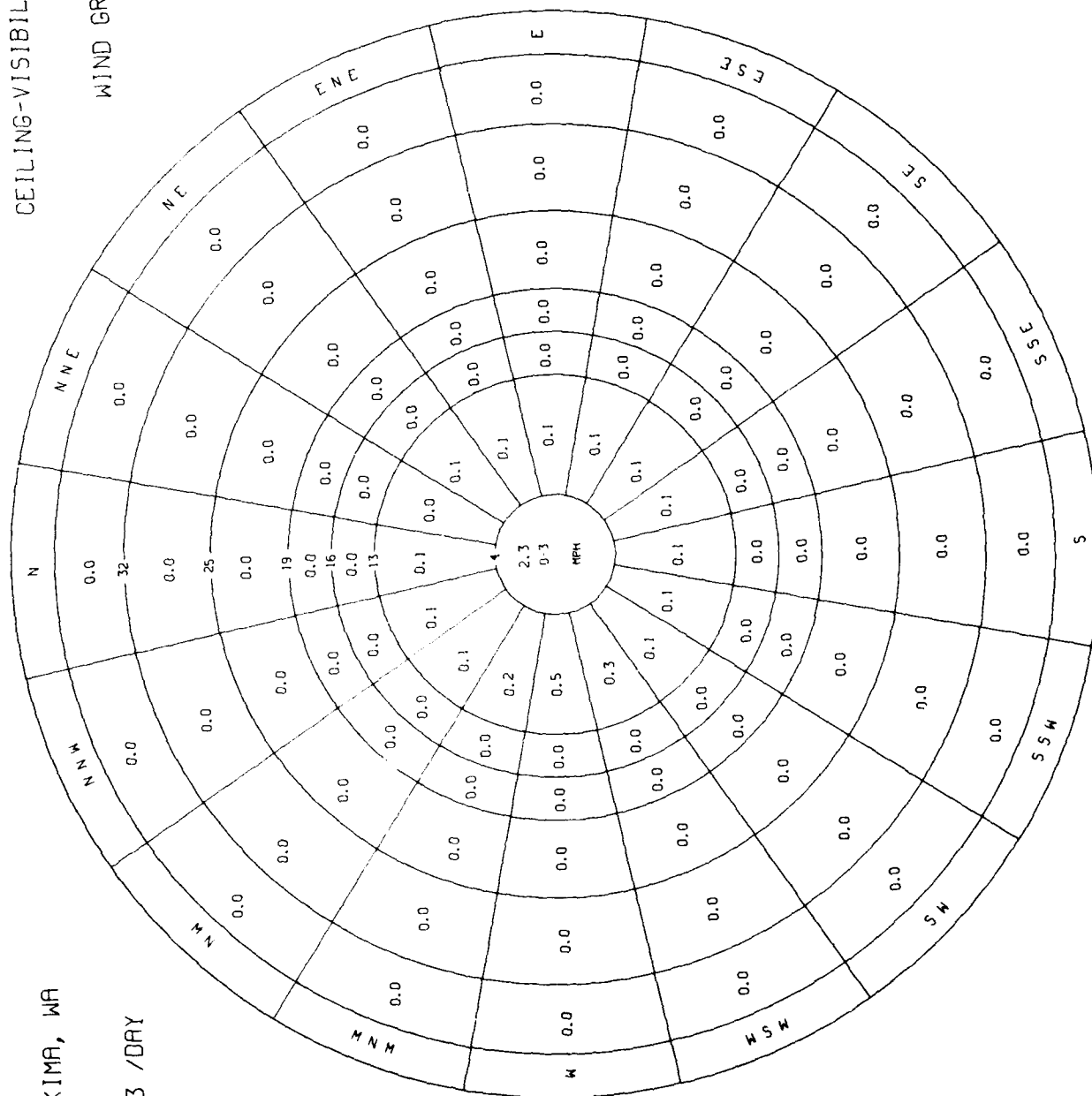
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.2	1.8	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.5	4.6
NNE	.1	.8	.1	.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.2	1.7	5.1
NNE	.1	1.6	.1	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	4.0
ENE	.1	1.2	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	4.2
E	.2	2.3	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.0	3.9
ESE	.1	.9	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	1.9	4.4
SE	.1	1.1	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	4.8
SSE	.1	.9	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.0	4.5
S	.1	1.6	.1	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.9	4.4
SSW	.1	1.3	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	2.3	4.2
SW	.2	1.8	.2	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	4.0	4.7
WSW	.3	2.8	.7	7.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	10.3	5.5
W	.7	7.2	1.2	12.4	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.8	19.7	5.0
WNW	.3	3.7	.7	7.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	11.0	5.1
NW	.2	2.6	.3	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.5	5.8	4.6
NNW	.1	1.6	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	3.0	4.2
CALM	1.9	20.9														1.9	20.9	
TOTAL	5.0	54.2	4.2	45.4	.0	.3	.0	.1	.0	.1	.0	.0	.0	.0	.0	9.3	100	3.8

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 3 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 3 / DAY

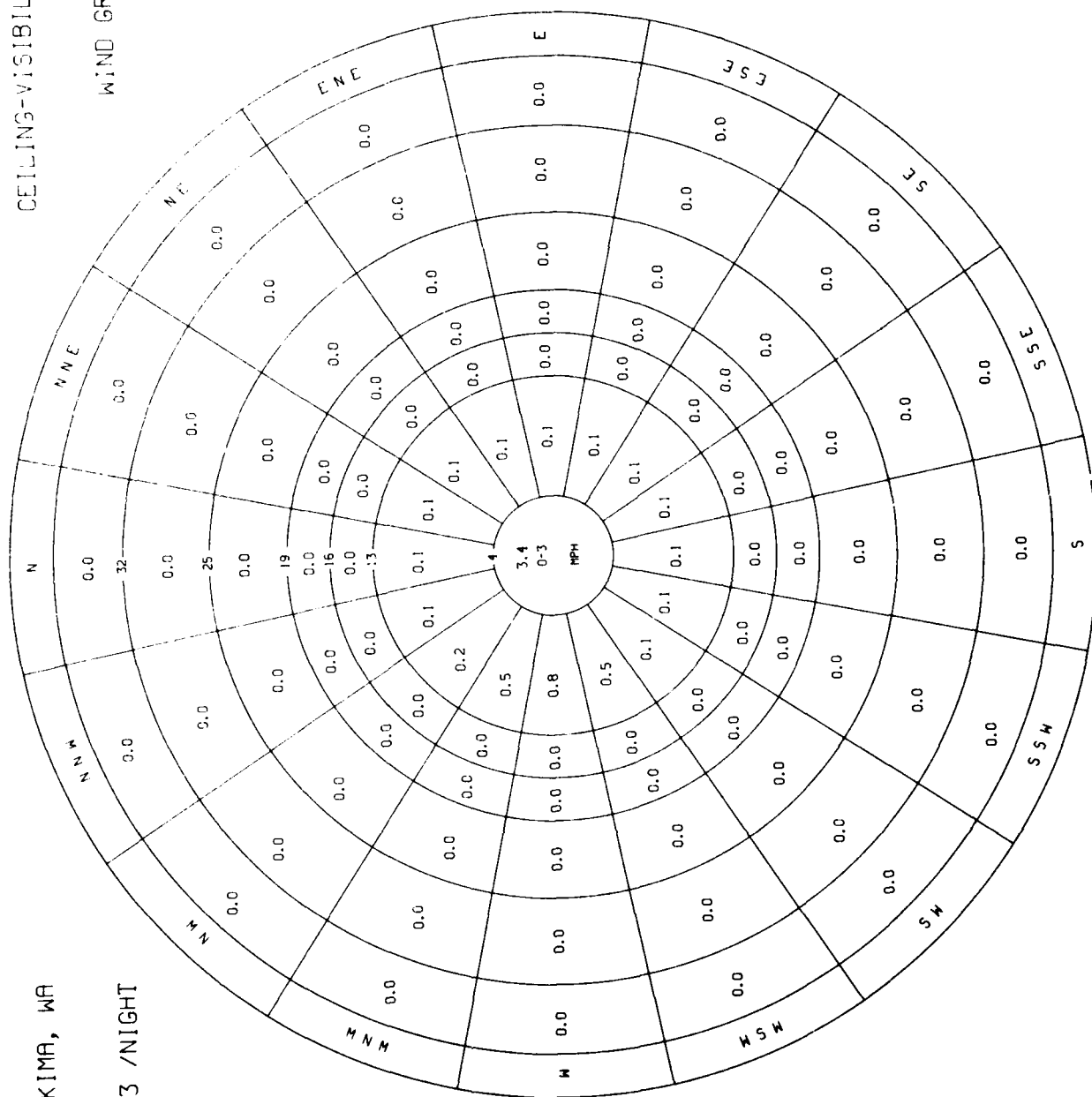
STATION NUMBER: 24243

NO. OBS.: 2174

DIR	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.5	.1	1.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.4
NNE	.0	.7	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.3
NE	.1	1.6	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.0
ENE	.0	1.1	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.5
E	.1	1.9	.1	3.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.2
ESE	.1	1.7	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.9
SE	.1	2.3	.1	2.6	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.9
SSE	.1	1.5	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.3
S	.1	2.8	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.6
SSW	.1	1.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 3.2
SW	.1	2.8	.1	2.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 5.4
WSW	.1	3.1	.3	6.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 10.0
W	.2	5.5	.5	10.8	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.7 16.3
WNW	.1	3.2	.2	4.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 7.5
NW	.1	2.3	.1	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 4.3
NNW	.0	1.1	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.6
CALM	.8	18.4													.8 18.4
TOTAL	2.3	52.9	2.0	46.5	.0	.5	.0	.1	.0	.0	.0	.0	.0	.0	4.3 100
															4.0

CEILING-VISIBILITY

WIND GRAPH



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 3 / NIGHT

STATION NUMBER: 24243

NO. OBS.: 2594

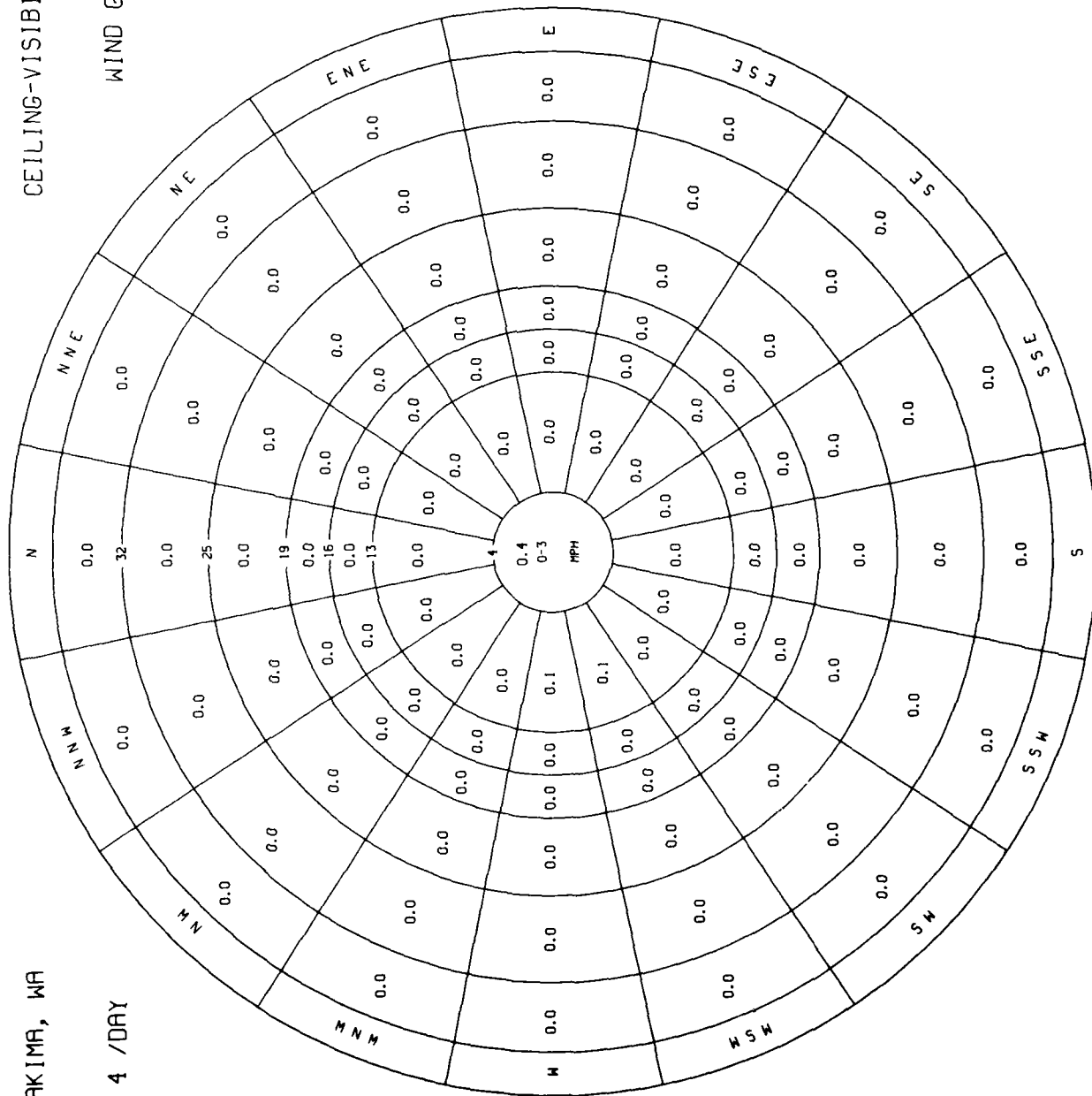
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.1	1.6	.1	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.3
NNE	.0	.7	.1	.9	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.1 1.7
NE	.1	1.4	.1	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.4
ENE	.1	1.1	.1	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 2.2
E	.2	2.5	.1	1.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 4.3
ESE	.0	.7	.1	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 1.8
SE	.1	1.3	.1	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.8
SSE	.1	.8	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.3
S	.1	1.6	.1	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.2
SSW	.1	1.3	.1	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 2.5
SW	.1	1.6	.1	2.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3 3.9
WSW	.2	2.7	.5	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7 10.3
W	.5	6.9	.8	12.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3 19.4
WNW	.2	3.7	.5	8.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8 11.8
NW	.2	2.6	.2	3.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4 5.9
NNW	.1	1.6	.1	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2 3.2
CALM	1.2	19.0													1.2 19.0
TOTAL	3.4	51.2	3.2	48.2	.0	.3	.0	.1	.0	.2	.0	.0	.0	.0	6.6 100
															4.0

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 4 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 4 / DAY

STATION NUMBER: 24243

NO. OBS.: 390

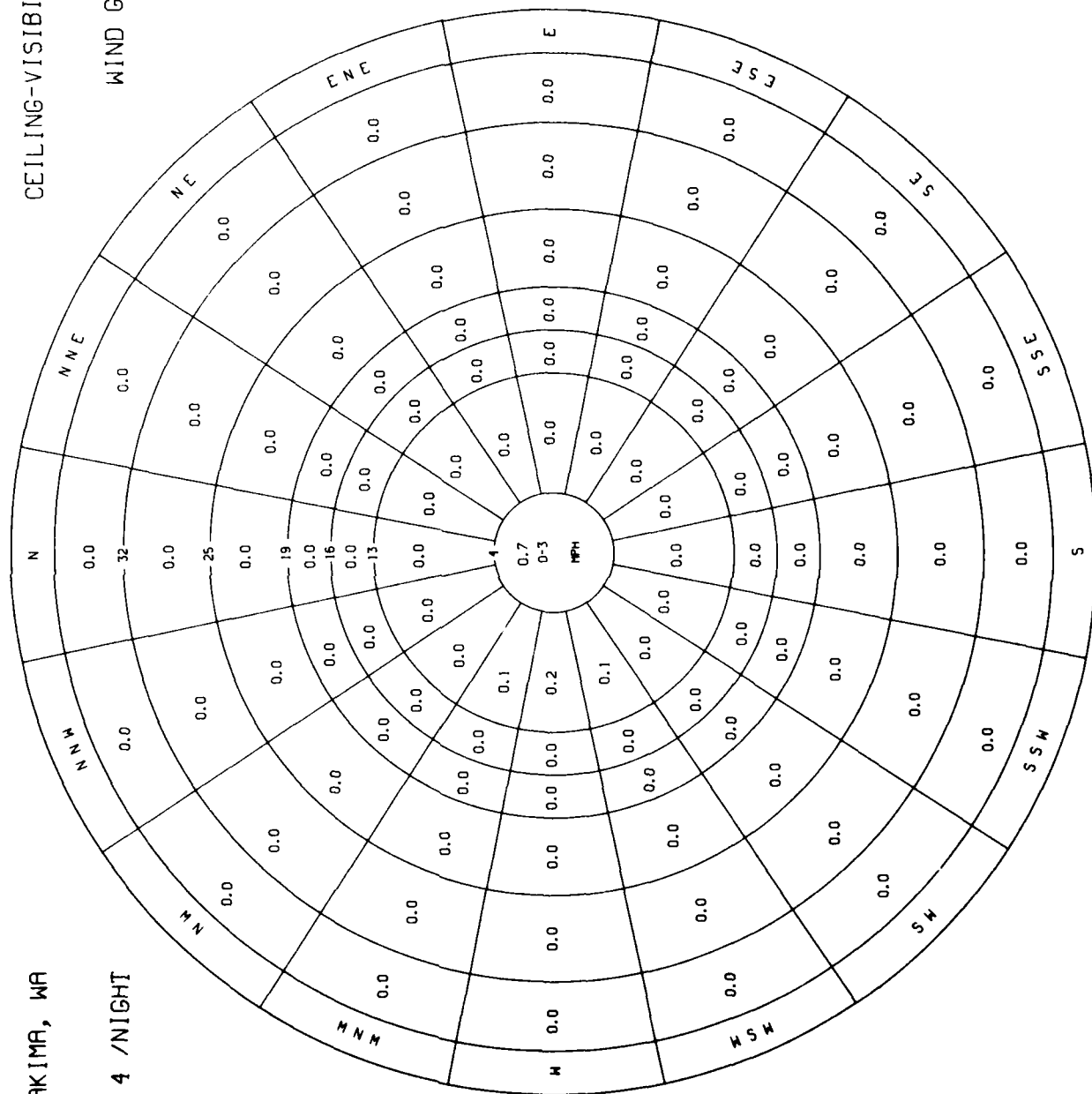
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.3	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
NNE	.0	.8	.0	.5	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0 1.5
NE	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.6
ENE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.1
E	.0	3.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.4
ESE	.0	2.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.1
SE	.0	1.8	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 4.1
SSE	.0	1.5	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.8
S	.0	2.3	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.3
SSW	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
SW	.0	1.5	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 5.6
WSW	.0	2.3	.1	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 9.7
W	.0	3.6	.1	10.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 14.4
WNW	.0	2.3	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 7.7
NW	.0	3.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 6.4
NNW	.0	1.5	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
CALM	.2	20.3													.2 20.3
TOTAL	.4	53.1	.4	46.7	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.8 100
															3.9

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 4 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 4 / NIGHT

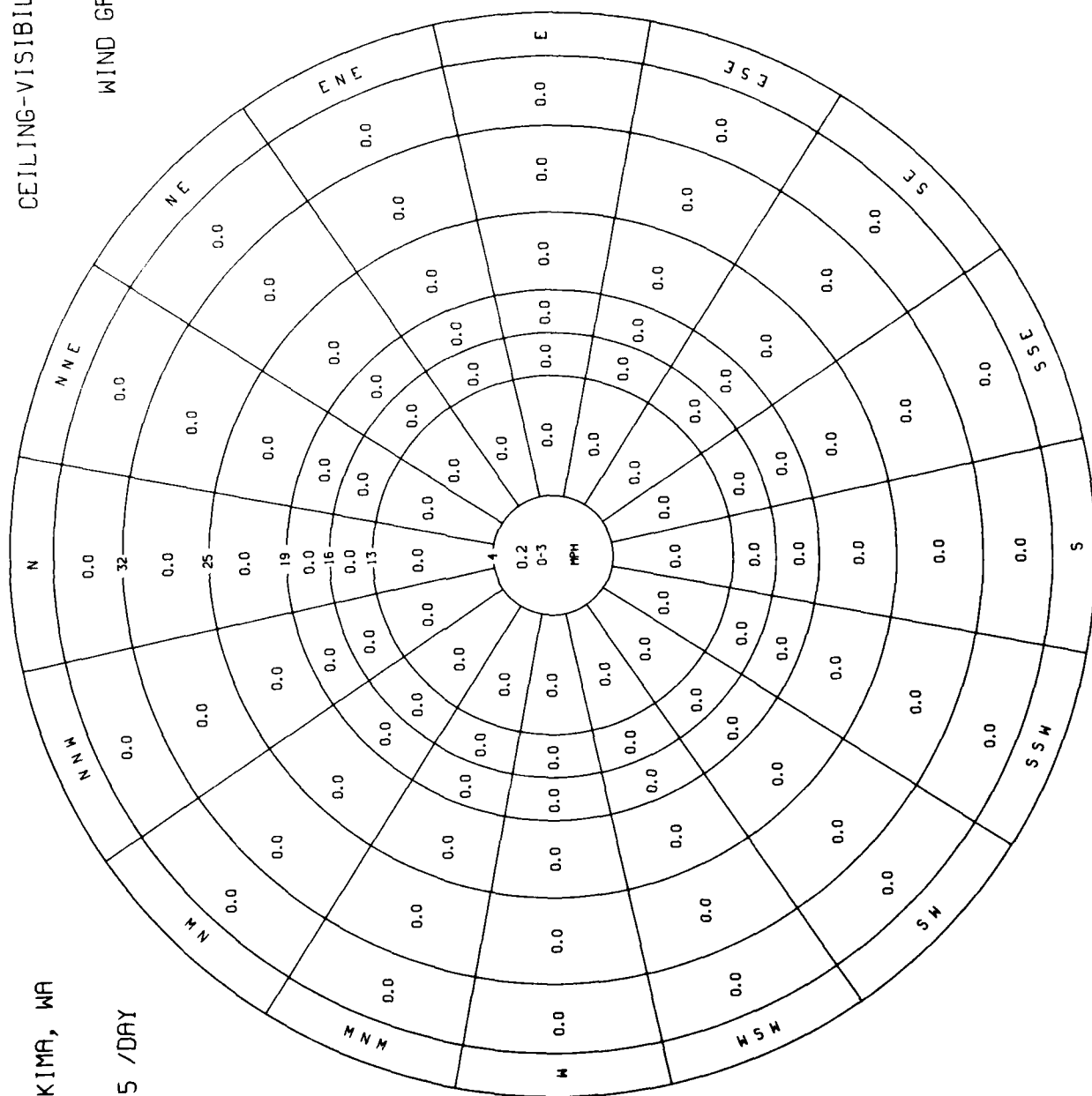
STATION NUMBER: 24243

NO. OBS.: 469

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.6	.0	2.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 4.7
NNE	.0	.4	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.5
NE	.0	1.3	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.7
ENE	.0	1.7	.0	1.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.8
E	.0	1.9	.0	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.6
ESE	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
SE	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SSE	.0	.9	.0	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.3
S	.0	1.3	.0	.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 2.1
SSW	.0	.4	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.1
SW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
WSW	.0	3.8	.1	8.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 12.6
W	.1	7.7	.2	16.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.3 23.9
WNW	.0	4.1	.1	6.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1 10.0
NW	.0	1.9	.0	1.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 3.8
NNW	.0	1.3	.0	.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0 1.9
CALM	.3	22.0													.3 22.0
TOTAL	.7	54.8	.5	45.0	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	1.2 100
															3.8

WIND GRAPH

CLASS 5 / DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

PERIOD: 1948-1978

STATION NAME: YKM YAKIMA, WA

CLASS 5 / DAY

NO. OBS.: 131

STATION NUMBER: 24243

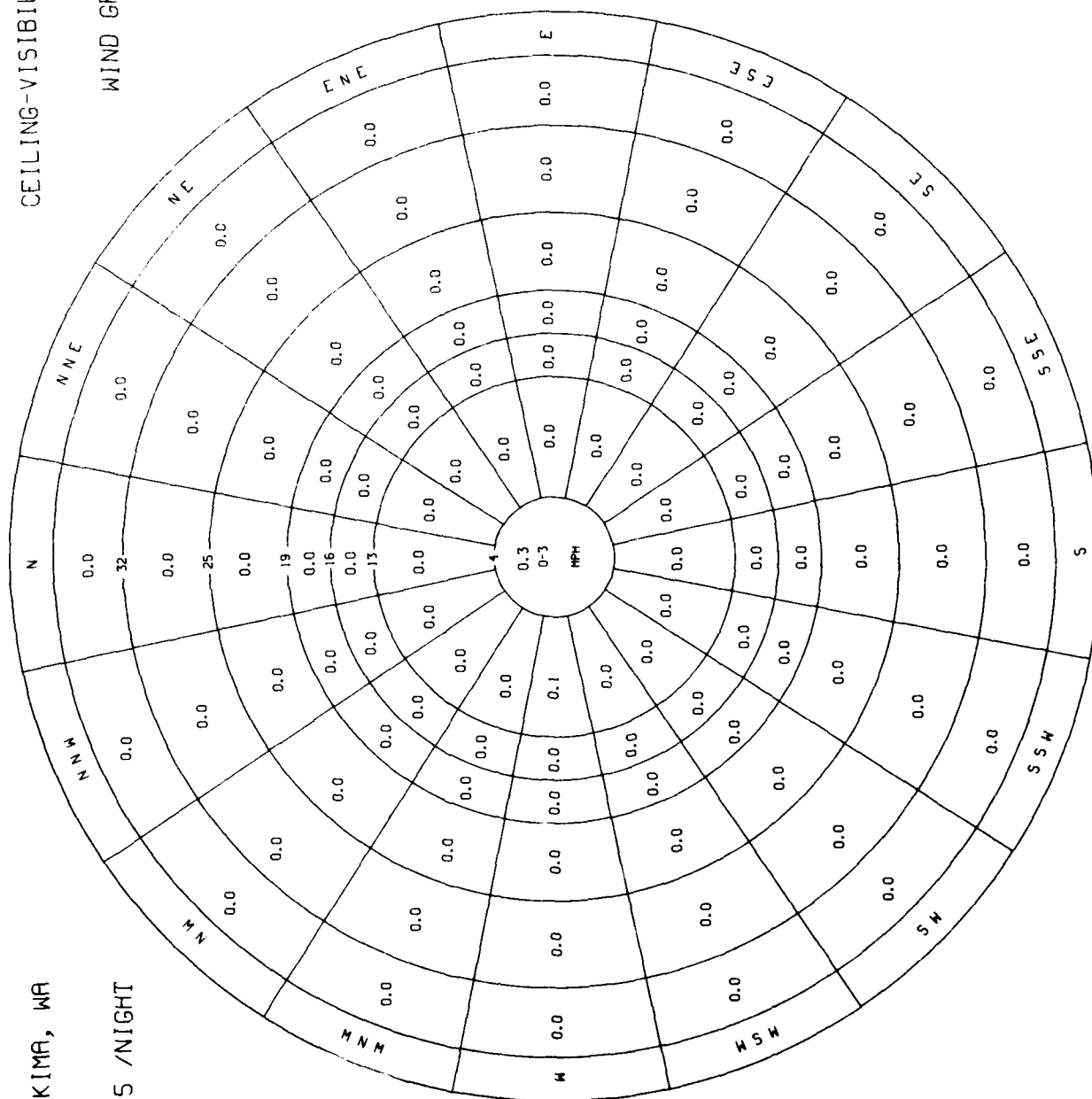
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
NNE	.0	.8	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.1
NE	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
ENE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
E	.0	.8	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
ESE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5
SE	.0	.8	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
SSE	.0	1.5	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.1
S	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
SSW	.0	1.5	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
SW	.0	.8	.0	9.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	14.5
WSW	.0	5.3	.0	3.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	11.5
W	.0	8.4	.0	3.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
WNW	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.3
NW	.0	1.5	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.3
NNW	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.8
CALM	.1	28.2	.1	38.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	28.2
TOTAL	.2	61.1	.1	38.2	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	3.4

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 5 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

STATION NUMBER: 24243

NO. OBS.: 205

CLASS 5 / NIGHT

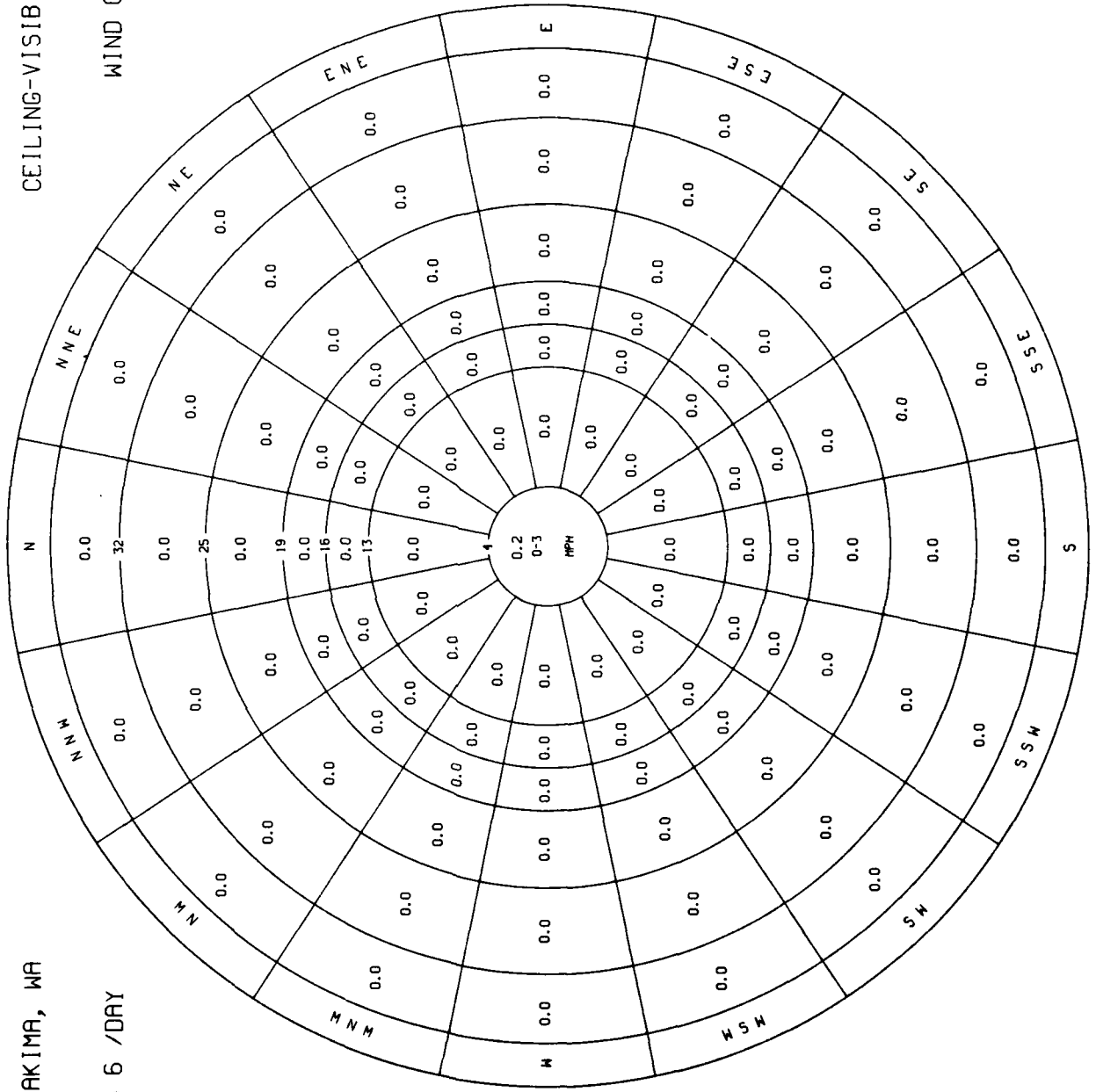
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
NNE	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0
NE	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.4
ENE	.0	1.0	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.6
E	.0	1.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
ESE	.0	2.9	.0	1.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
SE	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.7
SSE	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
S	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.8
SSW	.0	1.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.3
SW	.0	3.4	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5
WSW	.0	2.9	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.9
W	.0	7.3	.1	14.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.2
WNW	.0	3.9	.0	5.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
NW	.0	1.5	.0	4.9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.6
NNW	.0	2.9	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.9
CALM	.1	23.9													
TOTAL	.3	60.5	.2	39.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.5

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 6 /DAY



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 6 / DAY

STATION NUMBER: 24243

NO. OBS.: 148

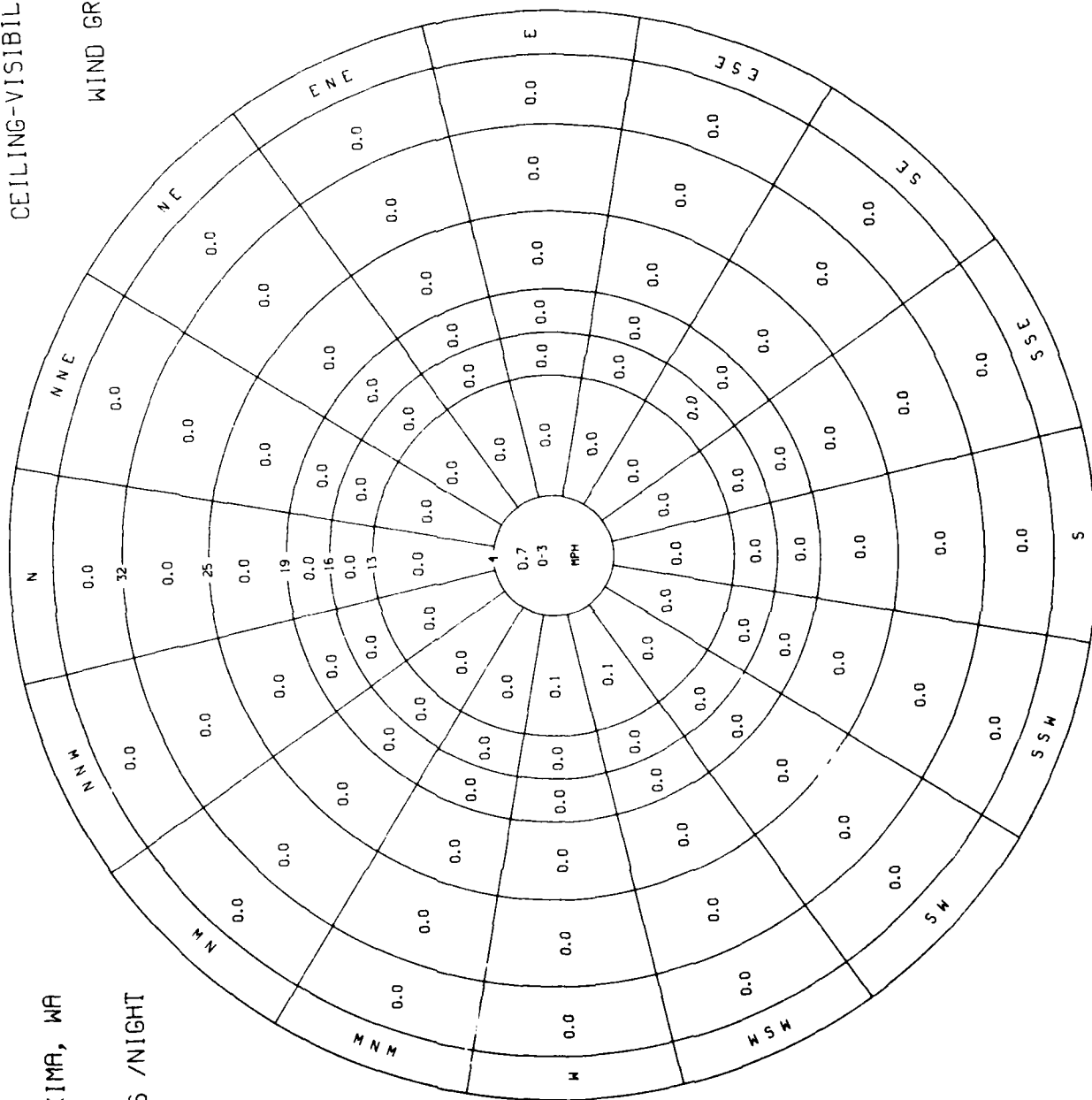
D I R	SPEED GROUPS (MPH)														AVG WIND SPEED
	0-3		4-12		13-15		16-18		19-24		25-31		32+		TOTAL
	A	B	A	B	A	B	A	B	A	B	A	B	A	B	
N	.0	2.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.1
NNE	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
NE	.0	2.0	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.7
ENE	.0	2.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
E	.0	5.4	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	8.1
ESE	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7
SE	.0	.0	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
SSE	.0	4.1	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.8
S	.0	.0	.0	1.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.4
SSW	.0	1.4	.0	.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0
SW	.0	3.4	.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	5.4
WSW	.0	.7	.0	4.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	6.1
W	.0	8.1	.0	7.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	15.5
WNW	.0	3.4	.0	4.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	7.4
NW	.0	2.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
NNW	.0	2.0	.0	2.7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.7
CALM	.1	21.6													21.6
TOTAL	.2	60.1	.1	39.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.7	3
															100
															3.6

CEILING-VISIBILITY

WIND GRAPH

YKM YAKIMA, WA

CLASS 6 /NIGHT



CEILING-VISIBILITY WIND TABULATIONS

ANNUAL

STATION NAME: YKM YAKIMA, WA

PERIOD: 1948-1978

CLASS 6 / NIGHT

STATION NUMBER: 24243

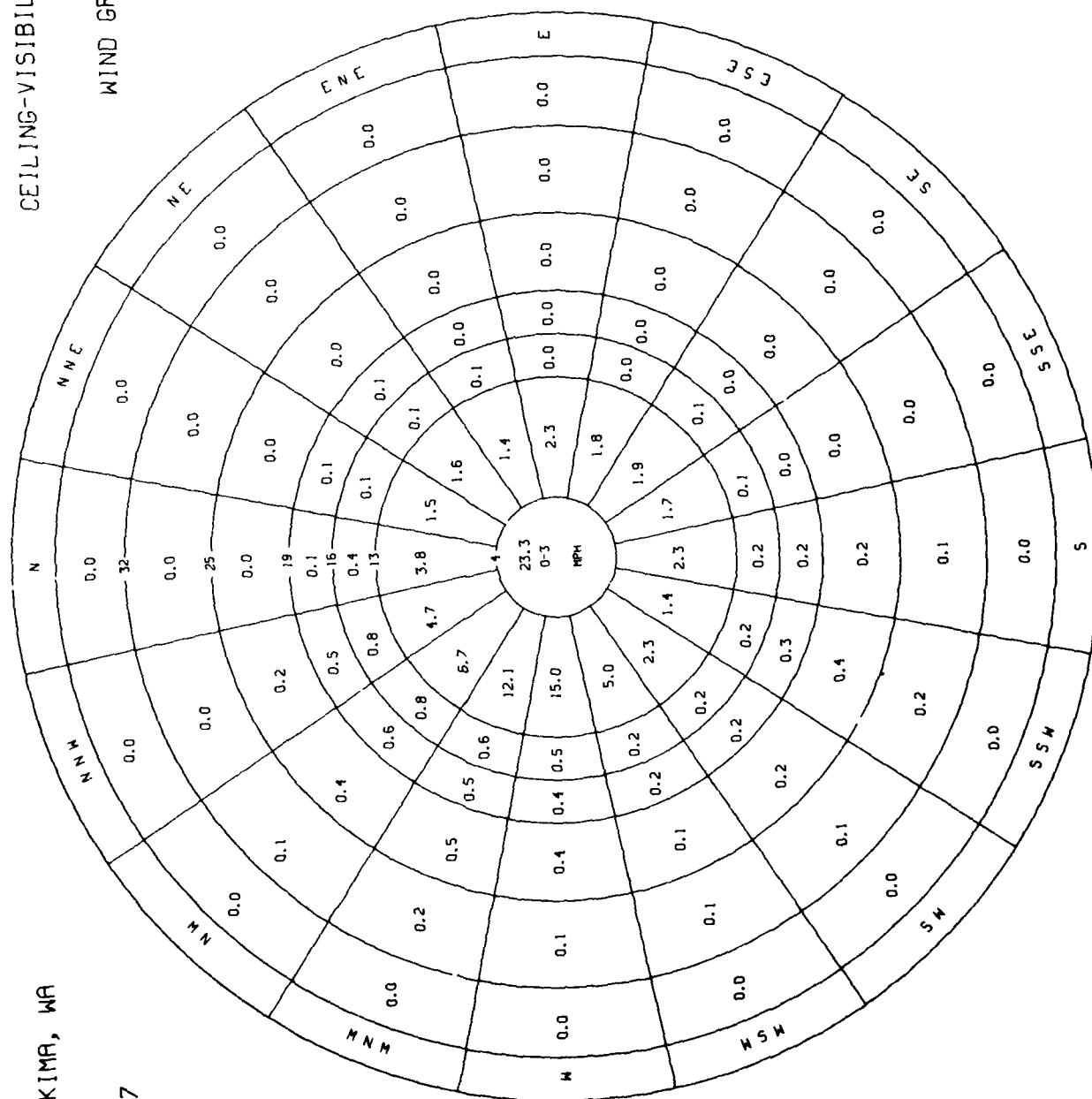
NO. OBS.: 397

D I R	SPEED GROUPS (MPH)														AVG WIND SPEED			
	0-3		4-12		13-15		16-18		19-24		25-31		32+			TOTAL		
	A	B	A	B	A	B	A	B	A	B	A	B	A	B			C	D
N	.0	2.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.7
NNE	.0	2.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.6
NE	.0	2.8	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	2.9
ENE	.0	1.5	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.7
E	.0	2.5	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	3.0	3.1
ESE	.0	.8	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	3.6
SE	.0	1.3	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.5	2.7
SSE	.0	1.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.3	2.4
S	.0	1.3	.0	.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	3.8
SSW	.0	2.0	.0	.5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.5	3.1
SW	.0	2.0	.0	2.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	4.8	4.8
WSW	.0	2.3	.1	6.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	8.6	5.0
W	.1	8.6	.1	7.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	16.1	4.3
WNW	.0	2.8	.0	4.8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	7.6	4.8
NW	.0	4.5	.0	2.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	6.8	3.8
NNW	.0	1.0	.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	2.0	4.1
CALM	.3	31.0													.3	.3	31.0	
TOTAL	.7	69.8	.3	30.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	100	2.8

WIND GRAPH

YKM YAKIMA, WA

CLASS 7



**DA
FILM**